

Board To Wire & Wire To Wire Connectors

3-63~3-78 • Housing Wafer Terminal 2.54mm



AMTEK Technology Co., Ltd

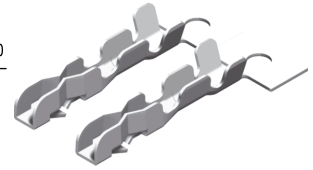
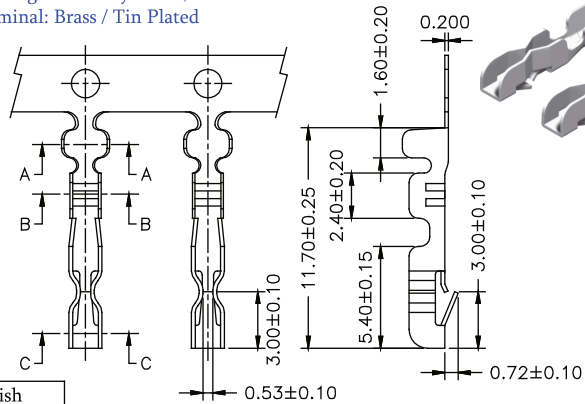
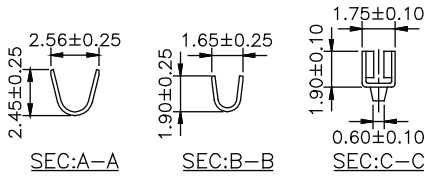
2.5mm 2500 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 800V AC/minute

Material

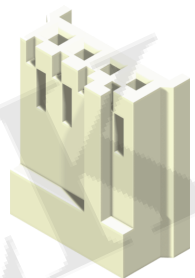
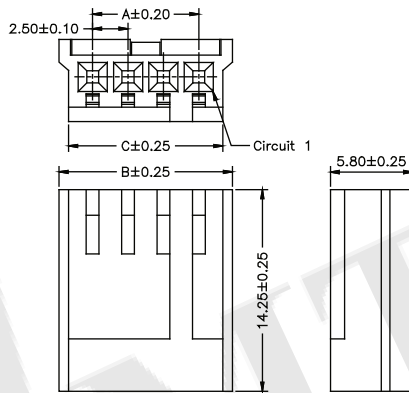
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
#20-#26	1.90mm(Max)	Brass	Tin Plated

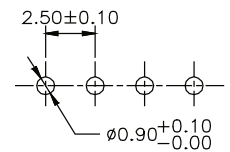
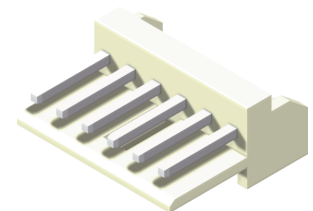
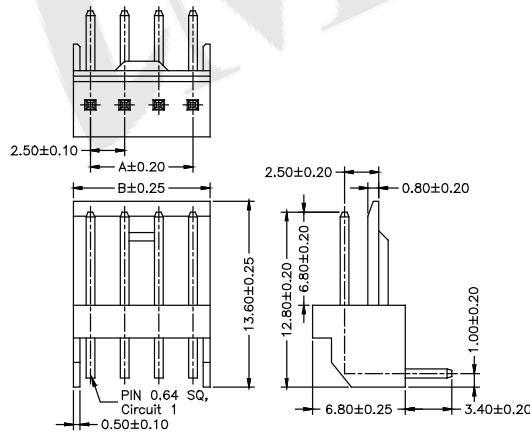
P/N.:5T2500N-BT0RA01

No. of Contacts	Dimensions		
	A	B	C
02	2.50	7.25	5.90
03	5.00	9.75	8.40
04	7.50	12.25	10.90
05	10.00	14.75	13.40
06	12.50	17.25	15.90
07	15.00	19.75	18.40
08	17.50	22.25	20.90
09	20.00	24.75	23.40
10	22.50	27.25	25.90
11	25.00	29.75	28.40
12	27.50	32.25	30.90
13	30.00	34.75	33.40
14	32.50	37.25	35.90
15	35.00	39.75	38.40

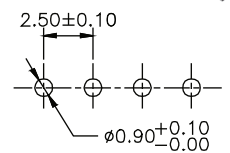
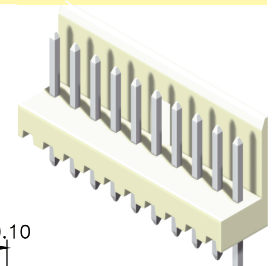
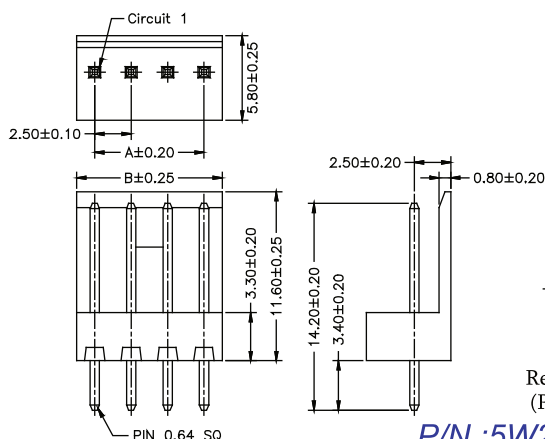


P/N.:5H2500N0-1XXWBL00A01

No. of Contacts	Dimensions	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50



P/N.:5W2500R0-1XXT0WBLA01



P/N.:5W2500S0-1XXT0WBLA01

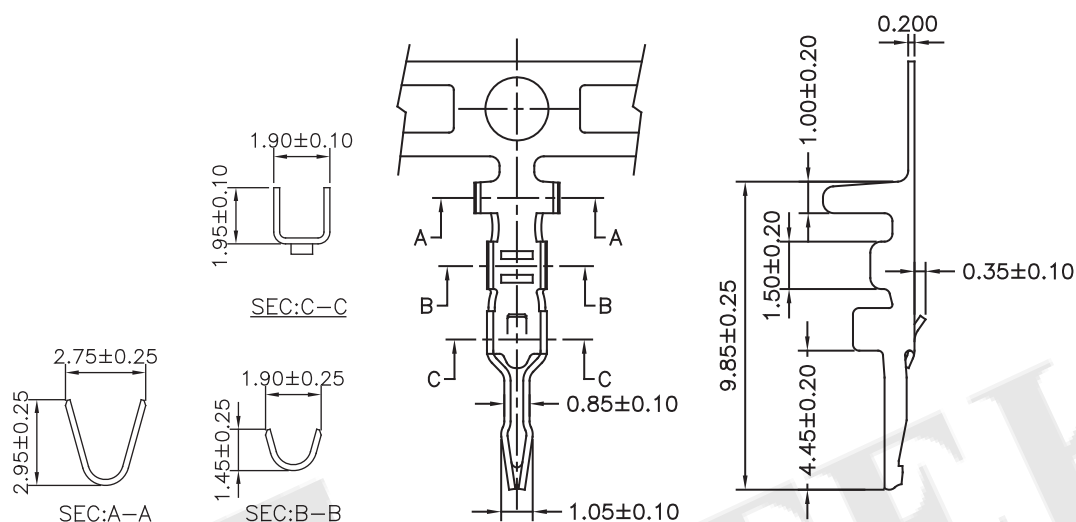
2.5mm 2501 Series Terminal / Housing

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 800V AC/minute

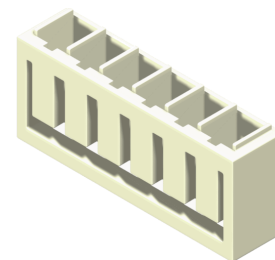
Material

Housing/Wafer: PBT, UL94V-0
Terminal: Brass / Tin Plated

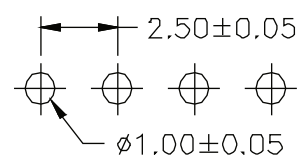
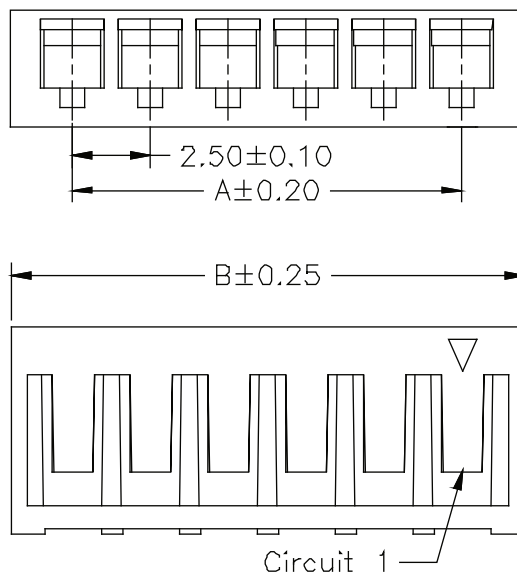


Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.70mm(Max)	Brass	Tin Plated

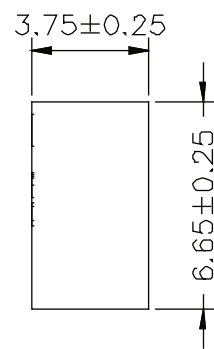
P/N.:5T2501N-BT0RA01



No. of Contacts	Dimensions	
	A	B
02	2.50	6.50
03	5.00	9.00
04	7.50	11.50
05	10.00	14.00
06	12.50	16.50
07	15.00	19.00
8	17.50	21.50
9	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5H2501N0-1XXWBL00A01

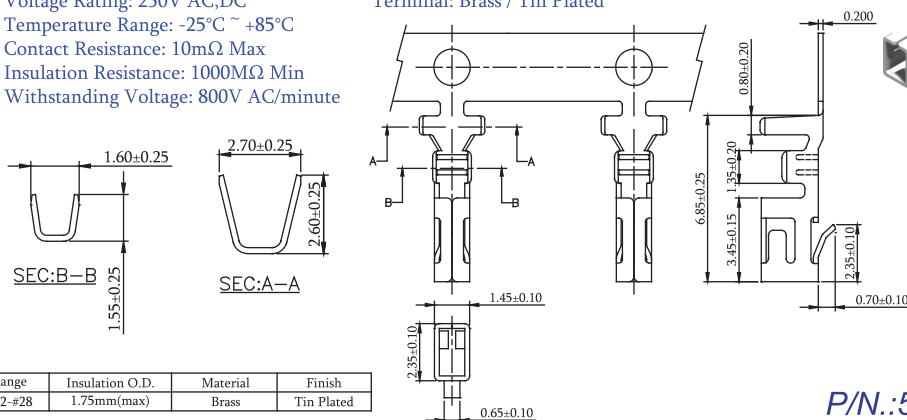
2.5mm 2502 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C ~ +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 800V AC/minute

Material

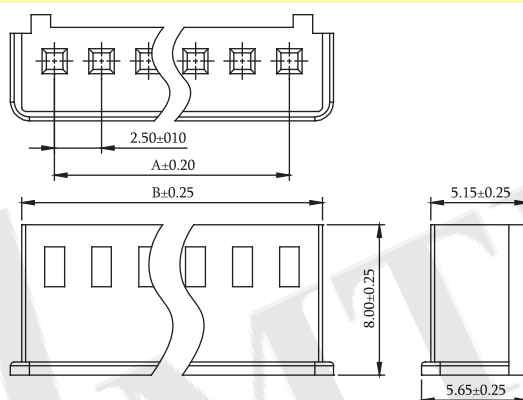
Housing/Wafer: Nylon 66,UL94V-2
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
AWG#22-#28	1.75mm(max)	Brass	Tin Plated

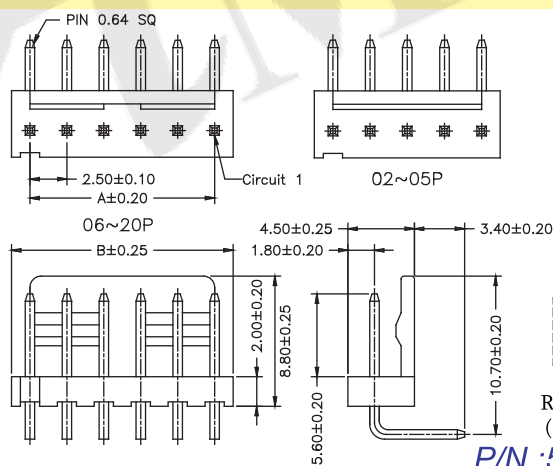
P/N.:5T2502N-BT0RA01

No. of contacts	Dimensions	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00
13	30.00	33.50
14	32.50	36.00
15	35.00	38.50
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18	42.50	46.00
19	45.00	48.50
20	47.50	51.00

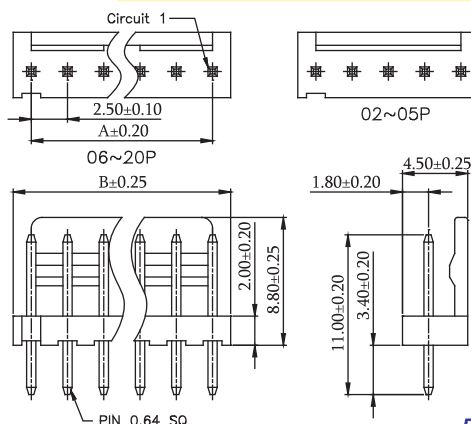


P/N.:5H2502N0-1XXWBL00A01

No. of Contacts	Dimensions	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00
17	40.00	42.50
18	42.50	45.00
19	45.00	47.50
20	47.50	50.00



P/N.:5W2502R0-1XXT0WBLA01



P/N.:5W2502S0-1XXT0WBLA01

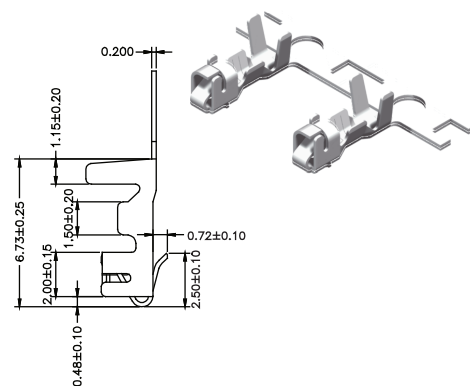
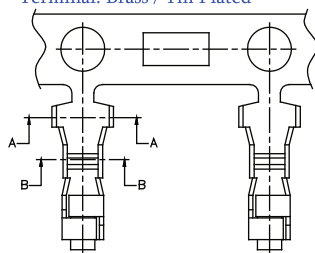
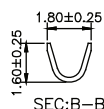
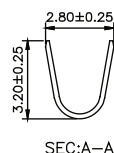
2.5mm 2503 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

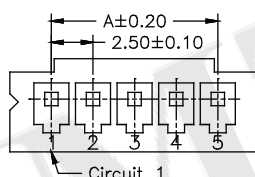
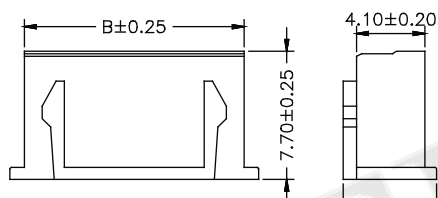
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



Part No.	Wire Range	Insulation O.D.	Material	Finish
5T2503-BT0	#22-#28	1.90mm(Max)	Brass	Tin Plated
5T2503-PT0	#22-#28	1.90mm(Max)	Phosphor Bronze	Tin Plated

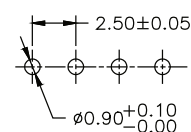
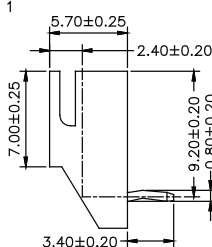
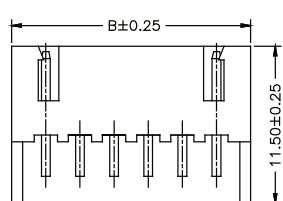
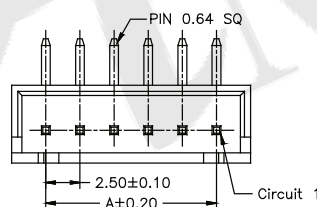
P/N.:5T2503N-XT0RA01

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	5.70	12	27.50	30.70
03	5.00	8.20	13	30.00	33.20
04	7.50	10.70	14	32.50	35.70
05	10.00	13.20	15	35.00	38.20
06	12.50	15.70	16	37.50	40.70
07	15.00	18.20	17	40.00	43.20
08	17.50	20.70	18	42.50	45.70
09	20.00	23.20	19	45.00	48.20
10	22.50	25.70	20	47.50	50.70
11	25.00	28.20			



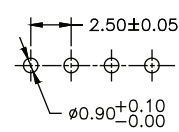
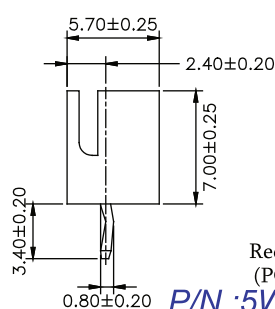
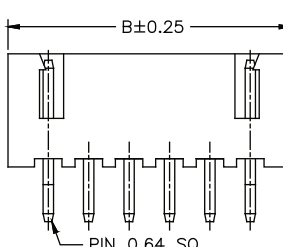
P/N.:5H2503N0-1XXWBL00A01

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2503R0-1XXT0WBLA01



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2503S0-1XXT0WBLA01

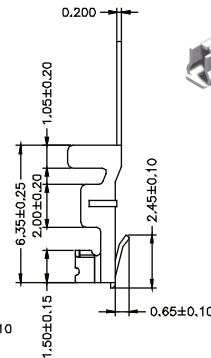
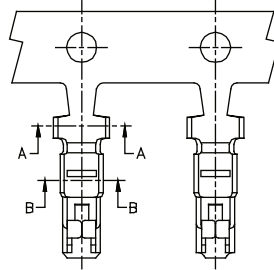
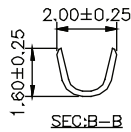
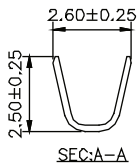
2.5mm 2504 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 500V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.70mm(Max)	Phosphor Bronze	Tin Plated

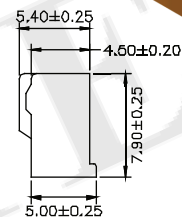
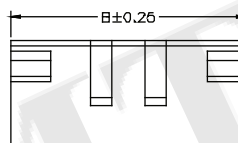
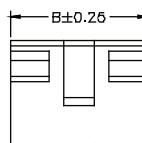
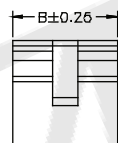
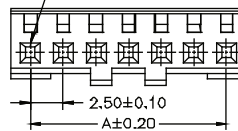
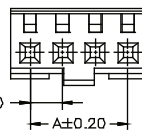
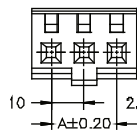
P/N.:5T2504N-PT0RA01

No. of Contacts	Dimensions	
	A	B
02	2.50	5.50
03	5.00	8.00
04	7.50	10.50
05	10.00	13.00
06	12.50	15.50
07	15.00	18.00
08	17.50	20.50
09	20.00	23.00
10	22.50	25.50
11	25.00	28.00
12	27.50	30.50
13	30.00	33.00
14	32.50	35.50
15	35.00	38.00

02P,03P

04P~06P

07P~15P

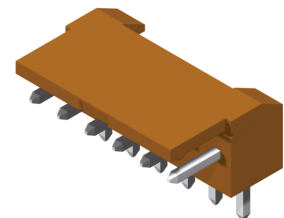
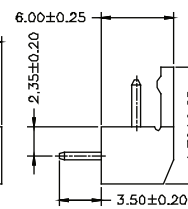
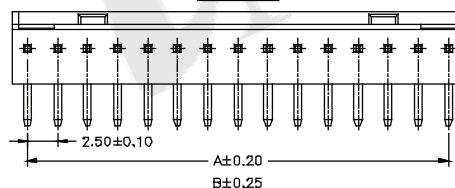
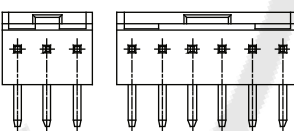


P/N.:5H2504N0-1XXRBL00A01

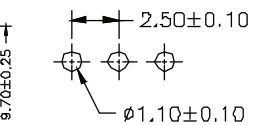
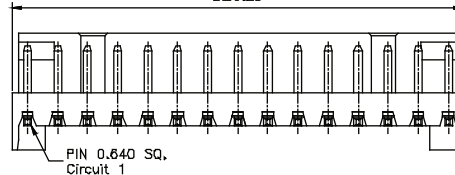
02P,03P

04P~06P

07P~15P

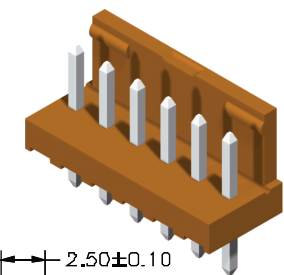
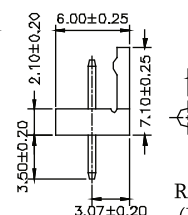
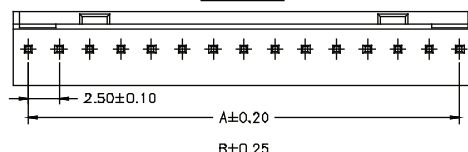


No. of Contacts	Dimensions	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50



P/N.:5W2504R0-1XXT0RBLA01

07P~15P

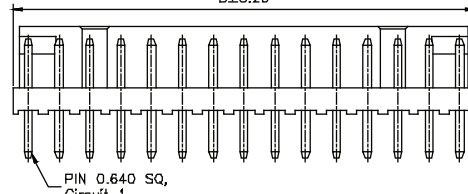
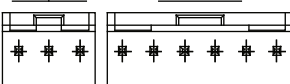


Recommended PCB Layout (PCB TOLERANCE ±0.05)

P/N.:5W2504S0-1XXT0RBLA01

02P,03P

04P~06P



PIN 0.640 SQ, Circuit 1

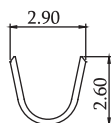
2.5mm 2505 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 800V AC/minute

Material

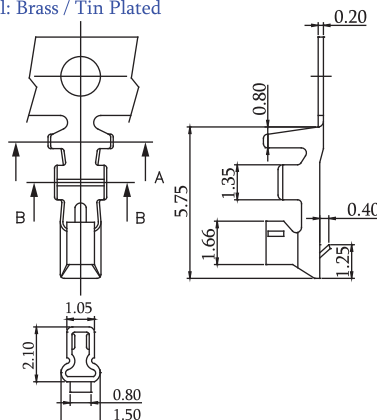
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



SEC:A-A



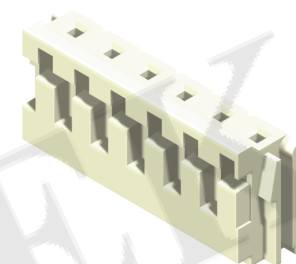
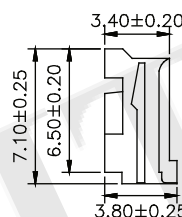
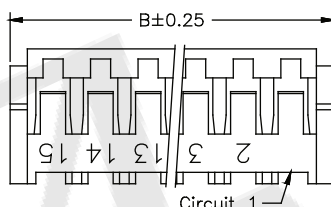
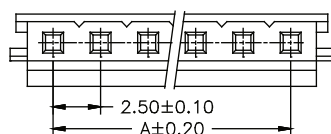
SEC:B-B



Wire Range	Insulation O.D.	Material	Finish
AWG#22-#30	1.80mm(max)	Phosphor Bronze	Tin-plated

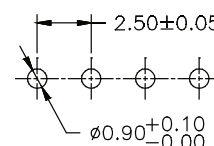
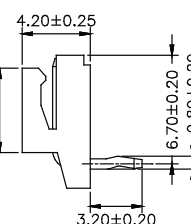
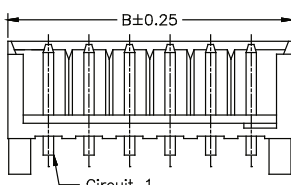
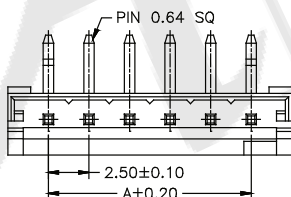
P/N.:5T2505N-PT0RA01

No. of Contacts	Dimensions	
	A	B
02	2.50	7.00
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50



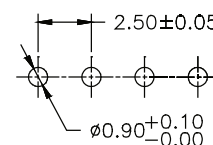
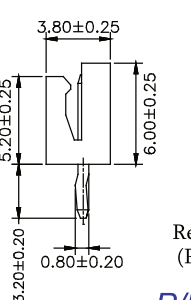
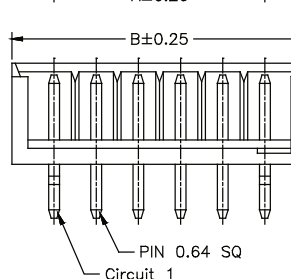
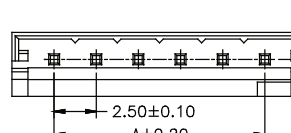
P/N.:5H2505N0-1XXWBL00A01

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2505R0-1XXT0WBLA01



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2505S0-1XXT0WBLA01

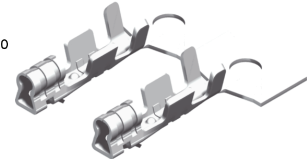
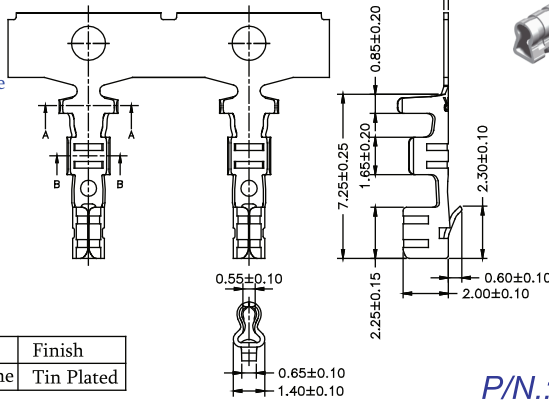
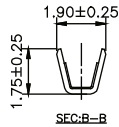
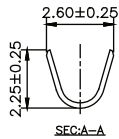
2.5mm 2506 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

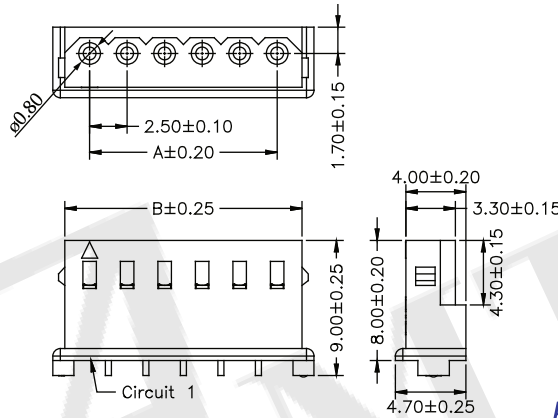
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



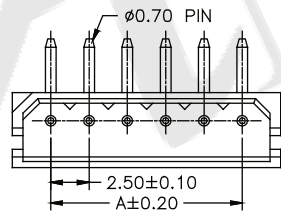
Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.90mm(Max)	Phosphor Bronze	Tin Plated

P/N.:5T2506N-PT0RA01

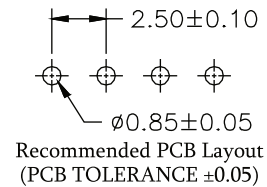
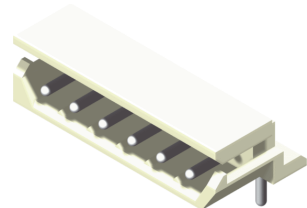
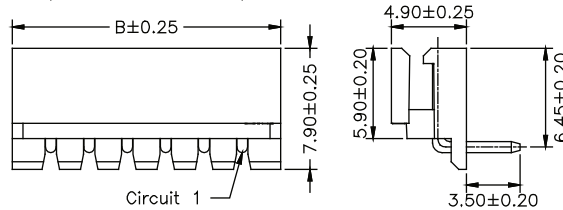
No. of Contacts	Dimensions	
	A	B
02	2.50	5.80
03	5.00	8.30
04	7.50	10.80
05	10.00	13.30
06	12.50	15.80
07	15.00	18.30
08	17.50	20.80
09	20.00	23.30
10	22.50	25.80
11	25.00	28.30
12	27.50	30.80
13	30.00	33.30
14	32.50	35.80
15	35.00	38.30
16	37.50	40.80



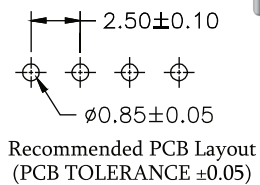
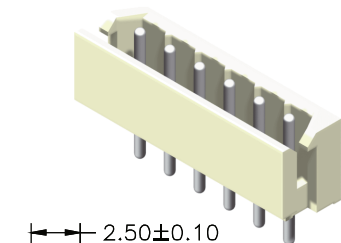
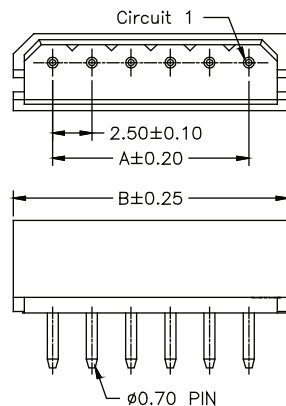
P/N.:5H2506N0-1XXWBL00A01



No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50



P/N.:5W2506R0-1XXT0WBLA01



P/N.:5W2506S0-1XXT0WBLA01

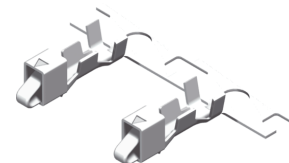
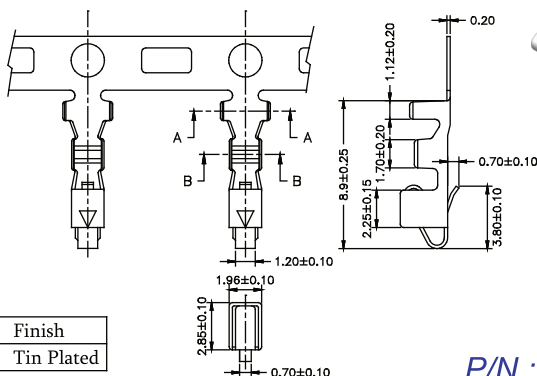
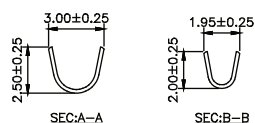
2.5mm 2507 Series Female & Male Terminal / Female & Male Housing

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

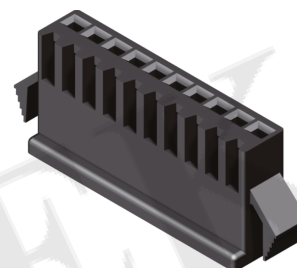
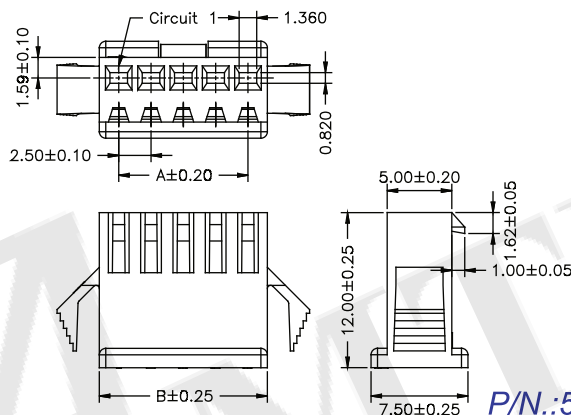
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



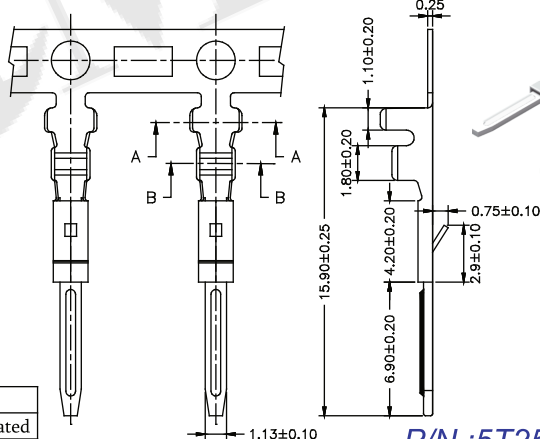
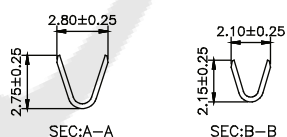
Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.80mm(Max)	Brass	Tin Plated

P/N.:5T2507F-BT0RA01

No. of Contacts	Dimensions	
	A	B
02	2.50	5.50
03	5.00	8.00
04	7.50	10.50
05	10.00	13.00
06	12.50	15.50
07	15.00	18.00
08	17.50	20.50
09	20.00	23.00
10	22.50	25.50
11	25.00	28.00
12	27.50	30.50



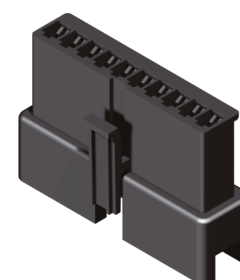
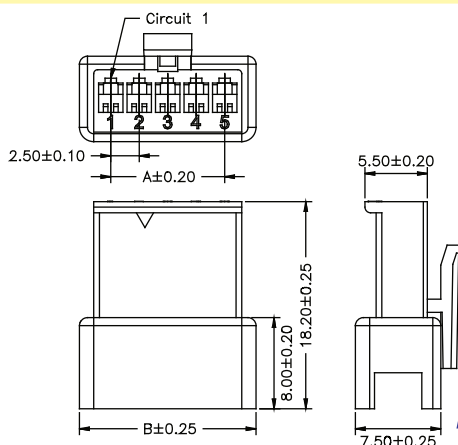
P/N.:5H2507F0-1XXBBL00A01



Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.80mm(Max)	Brass	Tin Plated

P/N.:5T2507M-BT0RA01

No. of Contacts	Dimensions	
	A	B
02	2.50	8.00
03	5.00	10.50
04	7.50	13.00
05	10.00	15.50
06	12.50	18.00
07	15.00	20.50
08	17.50	23.00
09	20.00	25.50
10	22.50	28.00
11	25.00	30.50
12	27.50	33.00



P/N.:5H2507M0-1XXBBL00A01



CONNECTORS MANUFACTURER

Old P/N.:2505 Series
2508 Series

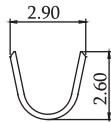
2.5mm 2505 Series Terminal / 2508 Seies Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 500V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

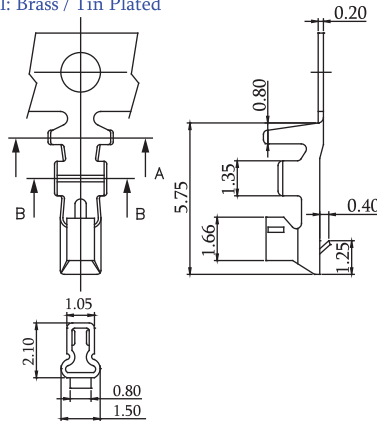
Housing: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



SEC:A-A



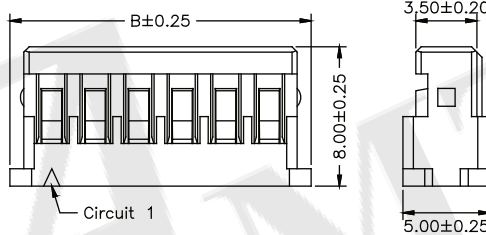
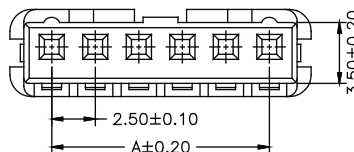
SEC:B-B



Wire Range	Insulation O.D.	Material	Finish
AWG#22-#30	1.80mm(max)	Phosphor Bronze	Tin-plated

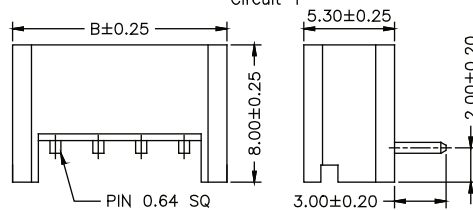
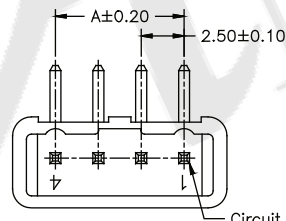
P/N.:5T2505N-PT0RA01

No. of Contacts	Dimensions	
	A	B
02	2.50	7.30
03	5.00	9.80
04	7.50	12.30
05	10.00	14.80
06	12.50	17.30
07	15.00	19.80
08	17.50	22.30
09	20.00	24.80
10	22.50	27.30
11	25.00	29.80
12	27.50	32.30
13	30.00	34.80
14	32.50	37.30
15	35.00	39.80



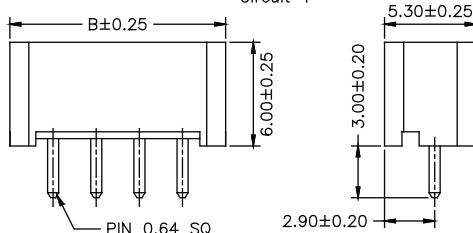
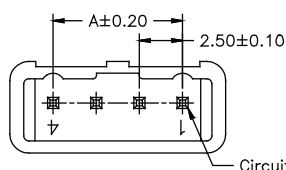
P/N.:5H2508N0-1XXBBL00A01

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2508R0-1XXT0BBLA01



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2508S0-1XXT0BBLA01

Housing Wafer Terminal



RoHS

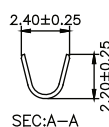
2.5mm 2509 Series Female & Male Terminal / Female & Male Housing

Specifications

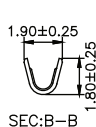
Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

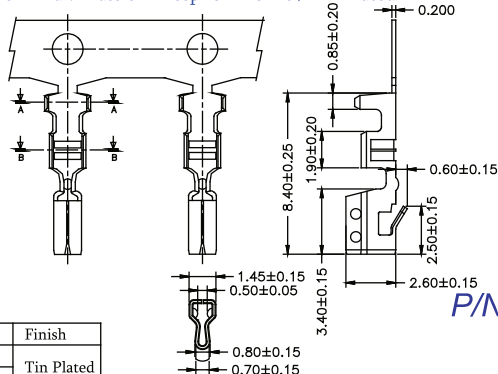
Housing: Nylon 66, UL94V-0
Terminal: Brass or Phosphor Bronze / Tin Plated



SEC:A-A



SEC:B-B

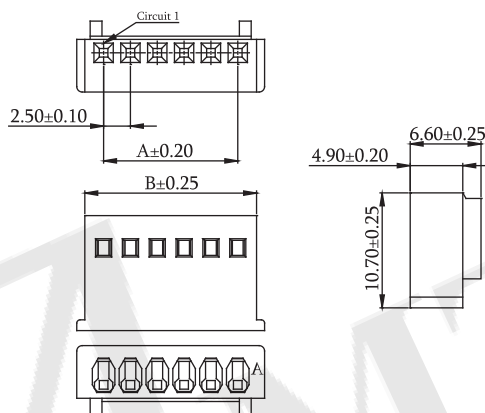


P/N.:5T2509F-XT0RA01

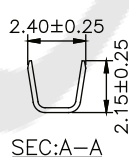
P:Phosphor Bronze
B:Brass

Part No.	Wire Range	Insulation O.D.	Material	Finish
5T2509F-BTOR-01	#22-#28	1.90mm(Max)	Brass	Tin Plated
5T2509F-PTOR-01			Phosphor Bronze	

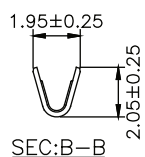
No. of Contacts	Dimensions	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00
13	30.00	33.50
14	32.50	36.00
15	35.00	38.50
16	37.50	41.00
17	40.00	43.50
18	42.50	46.00
19	45.00	48.50
20	47.50	51.00



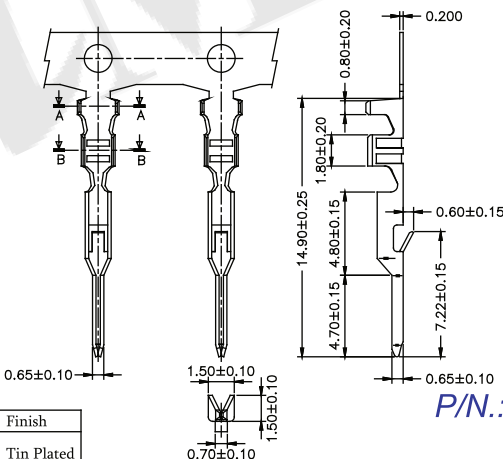
P/N.:5H2509F0-1XXWBL00A01



SEC:A-A



SEC:B-B

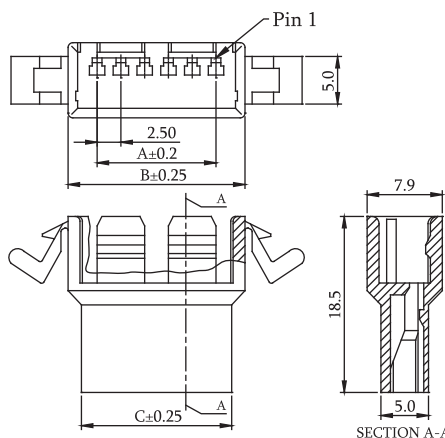


P/N.:5T2509M-XT0RA01

P:Phosphor Bronze
B:Brass

Part No.	Wire Range	Insulation O.D.	Material	Finish
5T2509M-BTOR-01	#22-#28	1.90mm(Max)	Brass	Tin Plated
5T2509M-PTOR-01			Phosphor Bronze	

No. of Contacts	Dimensions	
	A	B
02	2.50	6.00
03	5.00	8.50
04	7.50	11.00
05	10.00	13.50
06	12.50	16.00
07	15.00	18.50
08	17.50	21.00
09	20.00	23.50
10	22.50	26.00
11	25.00	28.50
12	27.50	31.00



P/N.:5H2509M0-1XXWBL00A01



CONNECTORS MANUFACTURER

Old P/N.:2510 Series

2.5mm 2510 Series Terminal / Housing / Wafer Right Angle & Straight Type

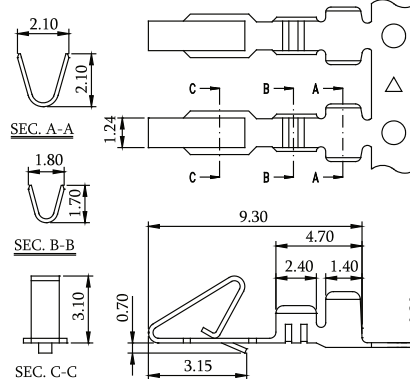
Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -40°C to +105°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

Housing: Nylon 66, UL94V-0
Wafer: PBT, UL94V-0
Terminal: Brass / Tin Plated

Part No.	Wire Range	Material	Finish
5T2510N-BT0	#22-#26	Brass	Tin Plated
5T2510N-PT0		Phosphor Bronze	
5T2510N-BG0		Brass	Gold Plated
5T2510N-PG0		Phosphor Bronze	

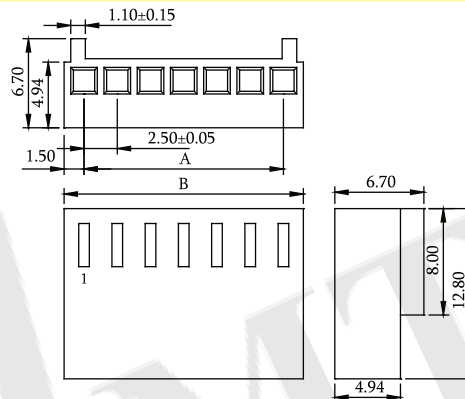


P/N.:5T2510N-XXXRC01

P:Phosphor Bronze
B:Brass

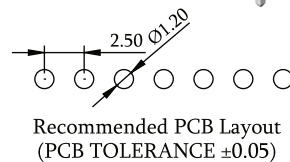
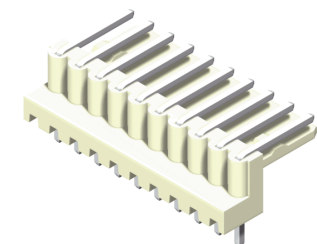
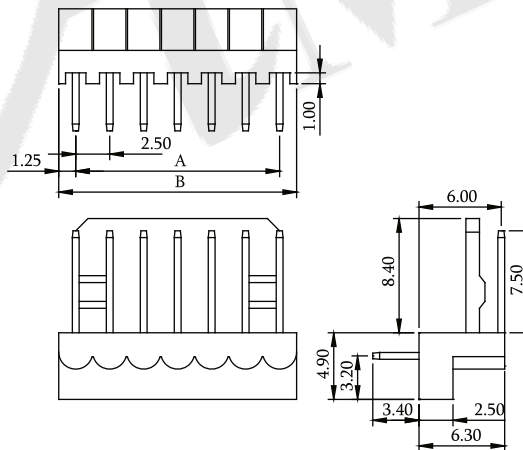
T0:Tin plated
G0:Gold plated

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	5.50	12	27.50	30.50
03	5.00	8.00	13	30.00	33.00
04	7.50	10.50	14	32.50	35.50
05	10.00	13.00	15	35.00	38.00
06	12.50	15.50	16	37.50	40.50
07	15.00	18.00	17	40.00	43.00
08	17.50	20.50	18	42.50	45.50
09	20.00	23.00	19	45.00	48.00
10	22.50	25.50	20	47.50	50.50
11	25.00	28.00			

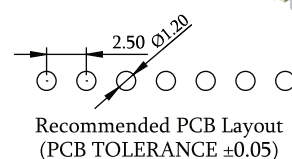
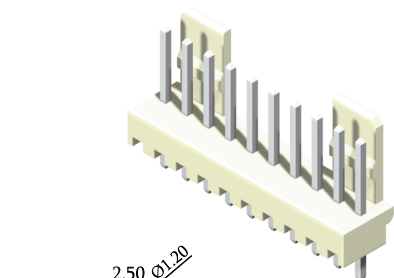
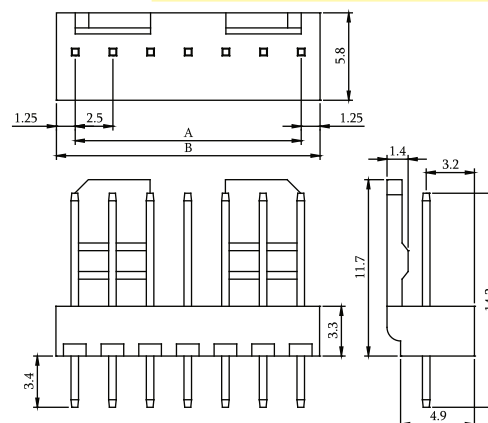


P/N.:5H2510N0-1XXWBL00C01

No. of Contacts	Dimensions	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00
17	40.00	42.50
18	42.50	45.00
19	45.00	47.50
20	47.50	50.00



P/N.:5W2510R0-1XXT0WBLC01



P/N.:5W2510S0-1XXT0WBLC01

Housing Wafer Terminal



RoHS

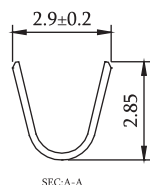
2.5mm 2511 Series Terminal / Female Housing / Wafer Straight Type

Specifications

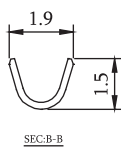
Current Rating: 3A AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1000V AC/minute
Operation Temperature: -25°C to +85°C

Material

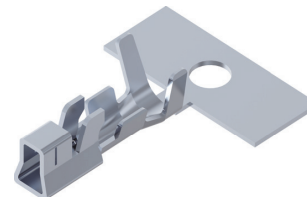
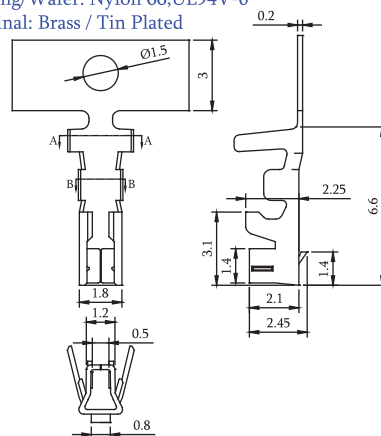
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



SEC-A-A



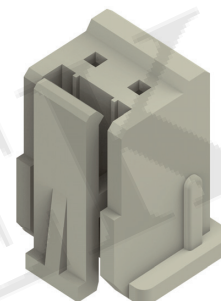
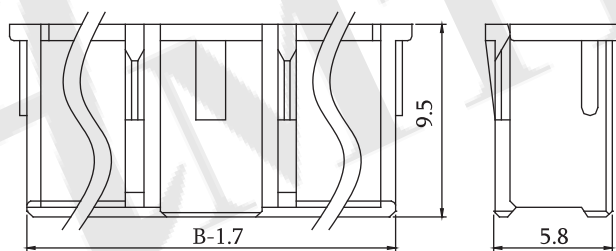
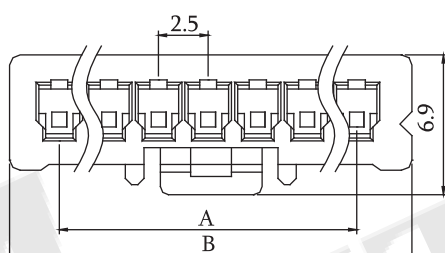
SEC-B-B



Wire Range	Insulation O.D.	Material
AWG#20-#28	1.8mm Max.	Phosphor Bronze

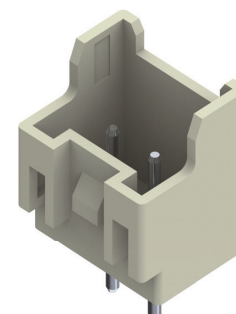
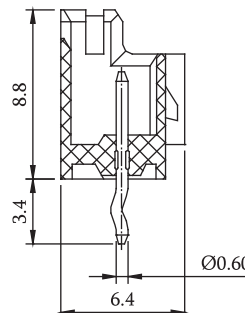
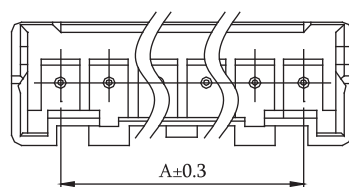
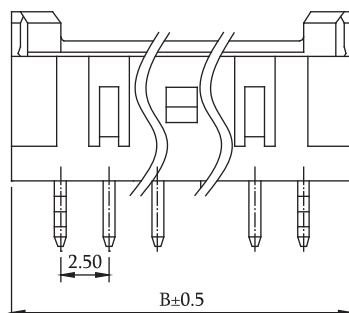
P/N.:5T2511F-PT0R501

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.30
03	5.00	9.80
04	7.50	12.30
05	10.00	14.80
06	12.50	17.30
07	15.00	19.80
08	17.50	22.30
09	20.00	24.80
10	22.50	27.30
11	25.00	29.80
12	27.50	32.30
13	30.00	34.80
14	32.50	37.30
15	35.00	39.80
16	37.50	42.30
17	40.00	44.80
18	42.50	47.30
19	45.00	49.80
20	47.50	52.30



P/N.:5H2511F0-1XXWBL00501

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2511S0-1XXT0WBL501

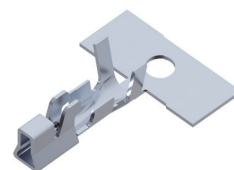
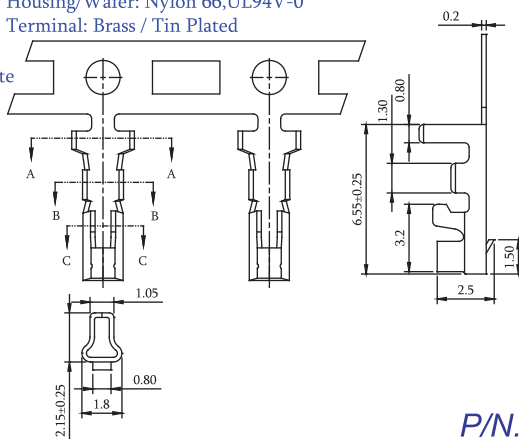
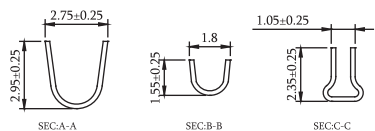
2.5mm 2513 Series Female Terminal / Housing / Wafer Straight Type

Specifications

Current Rating: 3A AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1000V AC for one minute
Operation Temperature: -25°C to +85°C

Material

Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated

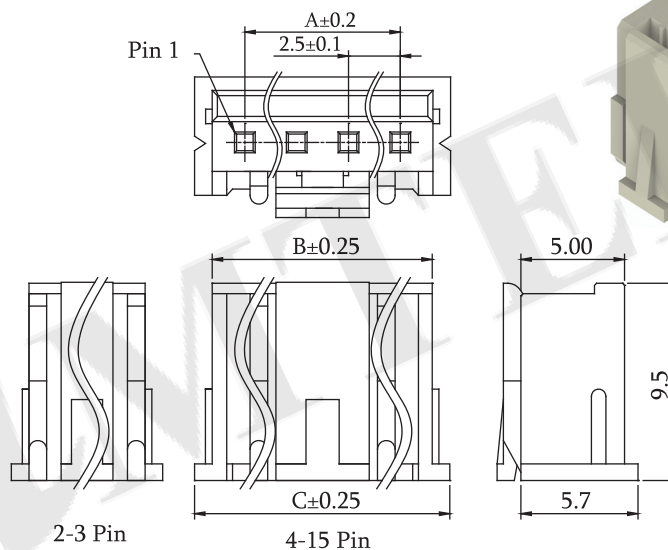


Wire Range	Insulation O.D.	Material
AWG#22-#28	Ø1.9mm Max.	Phosphor Bronze

P/N.:5T2513F-PT0RG01

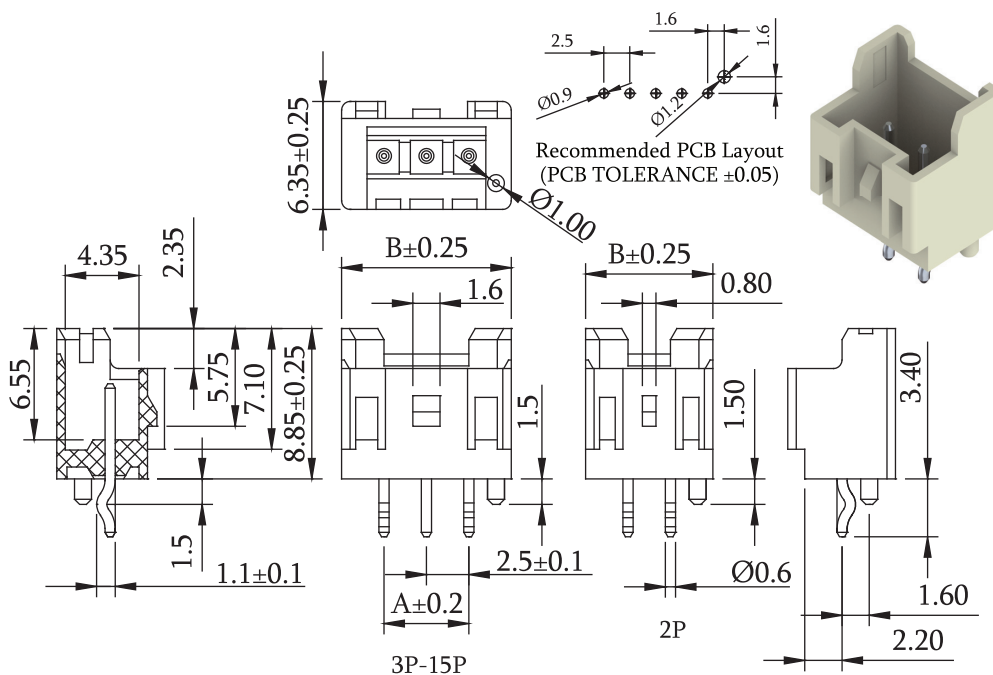
Housing Wafer Terminal

No. of Contacts	Dimensions(mm)		
	A	B	C
02	2.50	5.64	7.30
03	5.00	8.14	9.80
04	7.50	10.64	12.30
05	10.00	13.14	14.80
06	12.50	15.64	17.30
07	15.00	18.14	19.80
08	17.50	20.64	22.30
09	20.00	23.14	24.80
10	22.50	25.64	27.30
11	25.00	28.14	29.80
12	27.50	30.64	32.30
13	30.00	33.14	34.80
14	32.50	35.64	37.30
15	35.00	38.14	39.80



P/N.:5H2513N0-1XXWBL00G01

No. of Contacts	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00



P/N.:5W2513S0-1XXT0WBLG01

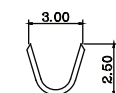
2.5mm 2515 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

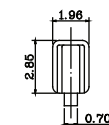
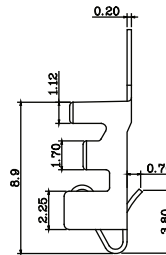
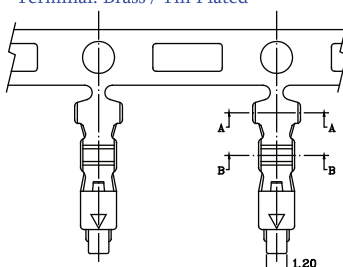
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



SEC: A-A



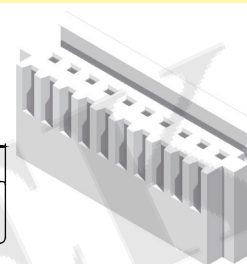
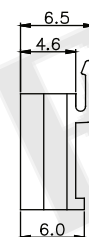
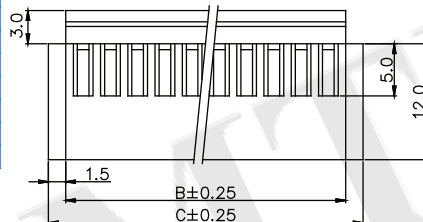
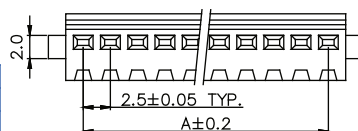
SEC: B-B



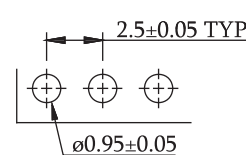
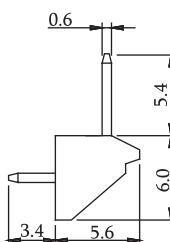
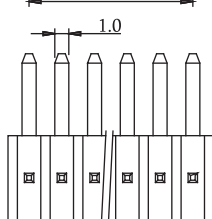
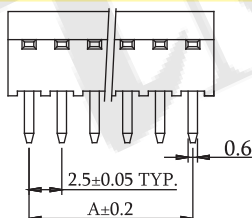
Part No.	Wire Range	Insulation O.D.	Material	Finish
5T2515N-BT0	#22-#28	1.6~1.2mm(Max)	Brass	Tin Plated

P/N.:5T2515N-BT0RB01

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	2.50	5.70	8.70	12	27.50	30.70	33.70
03	5.00	8.20	11.20	13	30.00	33.20	36.20
04	7.50	10.70	13.70	14	32.50	35.70	38.70
05	10.00	13.20	16.20	15	35.00	38.20	41.20
06	12.50	15.70	18.70	16	37.50	40.70	43.70
07	15.00	18.20	21.20	17	40.00	43.20	46.20
08	17.50	20.70	23.70	18	42.50	45.70	48.70
09	20.00	23.20	26.20	19	45.00	48.20	51.20
10	22.50	25.70	28.70	20	47.50	50.70	53.70
11	25.00	28.20	31.20				



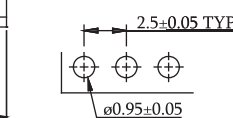
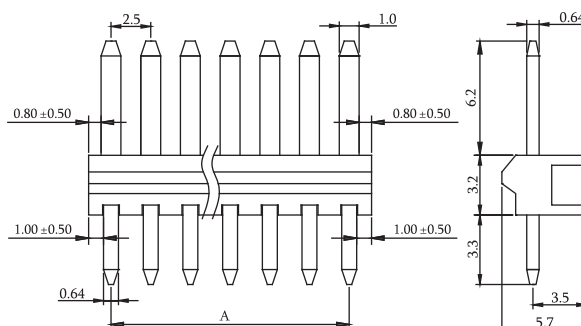
P/N.:5H2515N0-1XXWBL00B01



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2515R0-1XXT0WBLB01

No. of Contacts	Dimensions
02	2.50
03	5.00
04	7.50
05	10.00
06	12.50
07	15.00
08	17.50
09	20.00
10	22.50
11	25.00
12	27.50
13	30.00
14	32.50
15	35.00
16	37.50
17	40.00
18	42.50
19	45.00
20	47.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2515S0-1XXT0WBLB01



CONNECTORS MANUFACTURER

Old P/N.:2517 Series

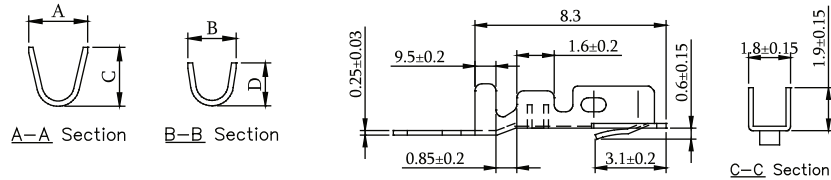
2.5mm 2517 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC,DC
Voltage Rating: 250V AC,DC
Temperature Range: -25°C to +85°C
Contact Resistance: 30mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

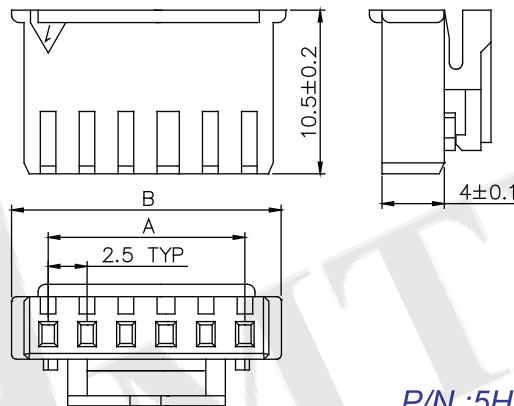
Housing/Wafer: Nylon 66,UL94V-0
Terminal: Brass / Tin Plated



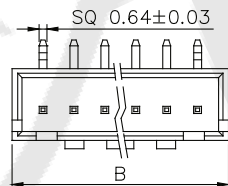
Part No.	Wire Range	Insulation O.D.	Material	Finish	A	B	C	D
5T2517N-PT0R-01	#22-#26	1.7~1.35mm(Max)	Phosphor Bronze	T/N	2.30	1.90	2.25	1.65
5T2517N-PT0R-02	#28-#30	1.2~1.05mm(Max)			2.05	1.40	2.05	1.30

P/N.:5T2517N-PT0RB01

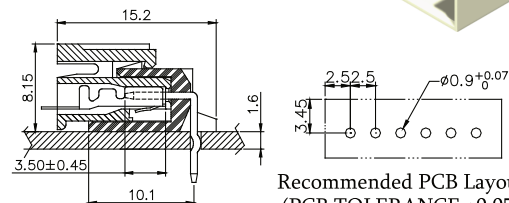
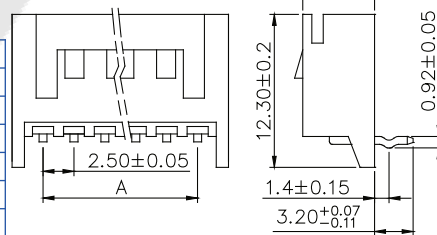
No. of Contacts	Dimensions	
	A	B
02	2.50	7.10
03	5.00	9.60
04	7.50	12.10
05	10.00	14.60
06	12.50	17.10
07	15.00	19.60
08	17.50	22.10
09	20.00	24.60
10	22.50	27.10
11	25.00	29.60
12	27.50	32.10
13	30.00	34.60
14	32.50	37.10
15	35.00	39.60



P/N.:5H2517N0-1XXWBL00B01

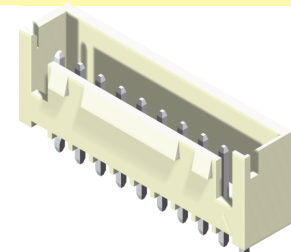
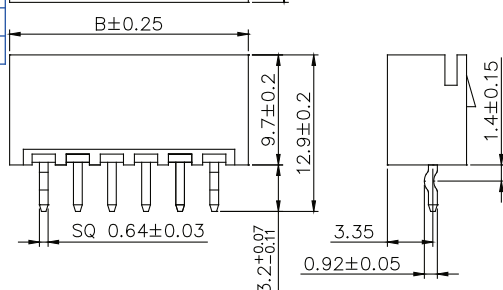
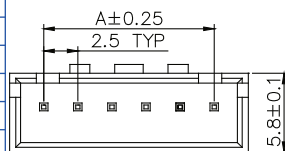


No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2517R0-1XXT0WBLB01



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2517S0-1XXT0WBLB01

Housing Wafer Terminal



RoHS

2.5mm 2525 Series Wafer Right Angle Type

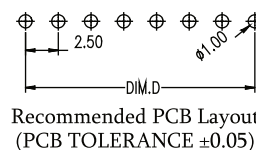
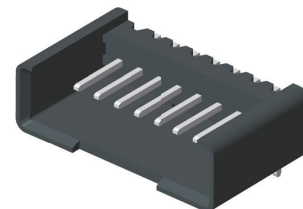
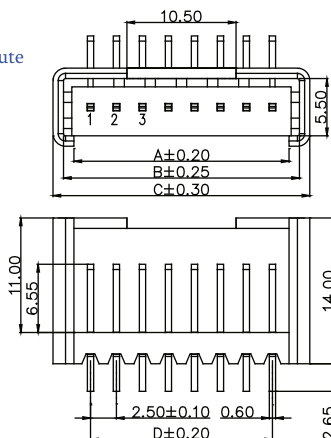
Specifications

Current Rating: 5A AC,DC
Temperature Range: -40°C to +105°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

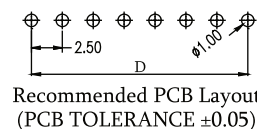
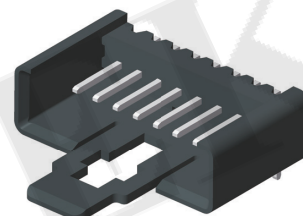
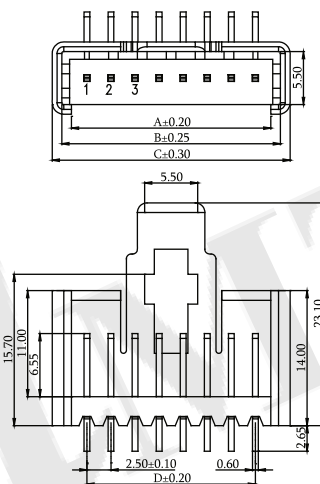
Material

Wafer: PBT+30%G.F, UL94V-0
Terminal: Brass / Tin Plated

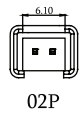
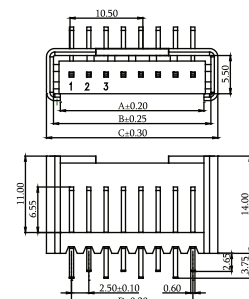
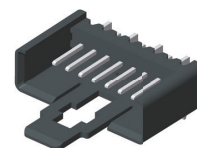
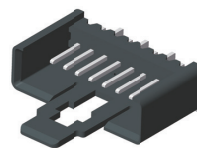
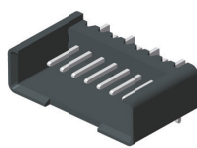
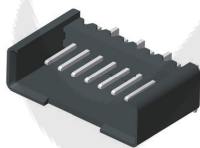
No. of Contacts	Dimension			
	A	B	C	D
02	5.70	7.70	9.70	2.50
03	8.20	10.20	12.20	5.00
04	10.70	12.70	14.70	7.50
05	13.20	15.20	17.20	10.00
06	15.70	17.70	19.70	12.50
07	18.20	20.20	22.20	15.00
08	20.70	22.70	24.70	17.50
09	23.20	25.20	27.20	20.00
10	25.70	27.70	29.70	22.50
11	28.20	30.20	32.20	25.00
12	30.70	32.70	34.70	27.50
13	33.20	35.20	37.20	30.00
14	35.70	37.70	39.70	32.50
15	38.20	40.20	42.20	35.00
16	40.70	42.70	44.70	37.50
17	43.20	45.20	47.20	40.00
18	45.70	47.70	49.70	42.50
19	48.20	50.20	52.20	45.00
20	50.70	52.70	54.70	47.50



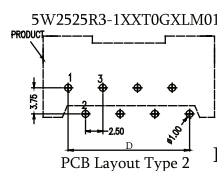
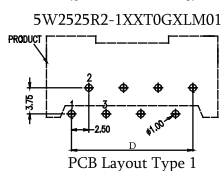
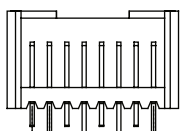
P/N.: 5W2525R0-1XXT0GXLM01
02~20P



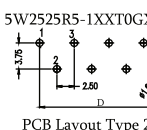
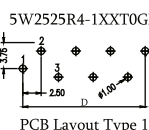
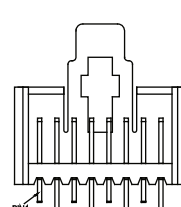
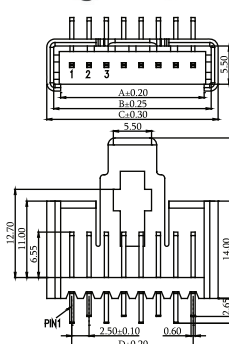
P/N.: 5W2525R1-1XXT0GXLM01
04~20P



02P



Recommended PCB Layout (PCB TOLERANCE ±0.05)



P/N.: 5W2525R2-1XXT0GXLM01

2:W/O Latch Type 1 3:W/O Latch Type 2 (02~20P)
4:With Latch Type 1 5:With Latch Type 2 (04~20P)

2.5mm 2525 Series Wafer Straight Type

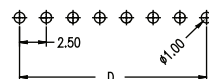
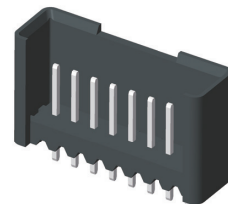
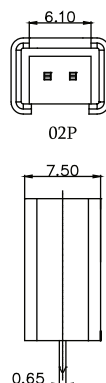
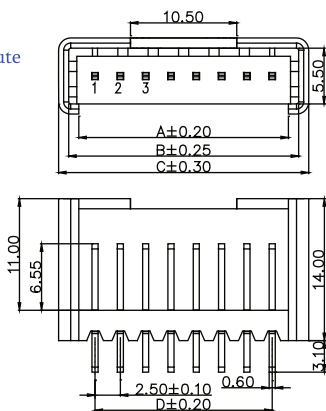
Specifications

Current Rating: 5A AC,DC
 Temperature Range: -40°C to +105°C
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstanding Voltage: 1500V AC/minute

Material

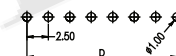
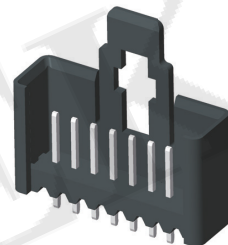
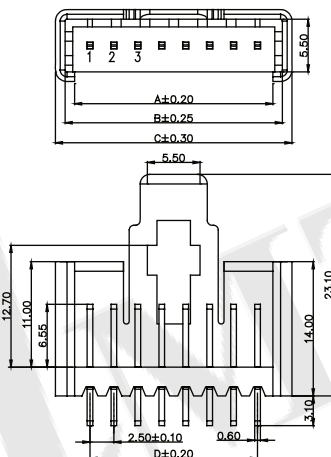
Wafer: PBT+30%G.F, UL94V-0
 Terminal: Brass / Tin Plated

No. of Contacts	Dimension			
	A	B	C	D
02	5.70	7.70	9.70	2.50
03	8.20	10.20	12.20	5.00
04	10.70	12.70	14.70	7.50
05	13.20	15.20	17.20	10.00
06	15.70	17.70	19.70	12.50
07	18.20	20.20	22.20	15.00
08	20.70	22.70	24.70	17.50
09	23.20	25.20	27.20	20.00
10	25.70	27.70	29.70	22.50
11	28.20	30.20	32.20	25.00
12	30.70	32.70	34.70	27.50
13	33.20	35.20	37.20	30.00
14	35.70	37.70	39.70	32.50
15	38.20	40.20	42.20	35.00
16	40.70	42.70	44.70	37.50
17	43.20	45.20	47.20	40.00
18	45.70	47.70	49.70	42.50
19	48.20	50.20	52.20	45.00
20	50.70	52.70	54.70	47.50



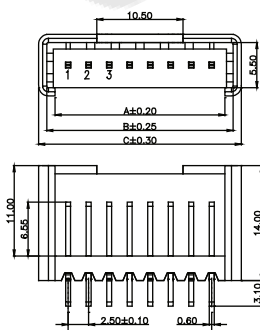
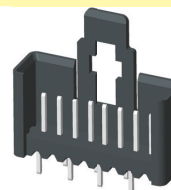
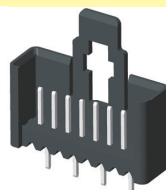
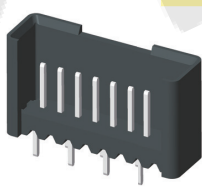
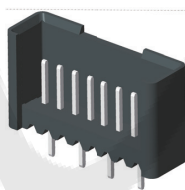
Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

P/N.:5W2525S0-1XXT0GXLM01
 02~20P

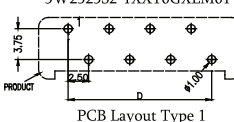
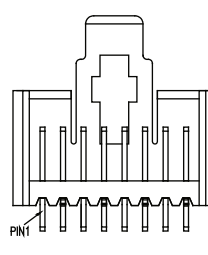
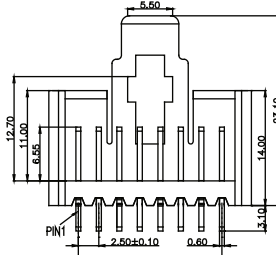
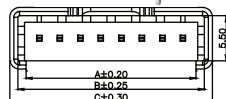


Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

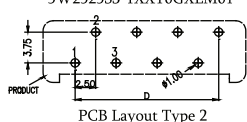
P/N.:5W2525S1-1XXT0GXLM01
 04~20P



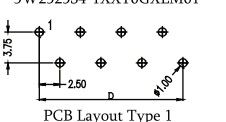
02P



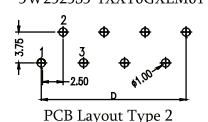
PCB Layout Type 1



PCB Layout Type 2



PCB Layout Type 1



PCB Layout Type 2

Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

P/N.:5W2525SX-1XXT0GXLM01

2:W/O Latch Type 1 3:W/O Latch Type 2 (02~20P)
 4:With Latch Type 1 5:With Latch Type 2 (04~20P)

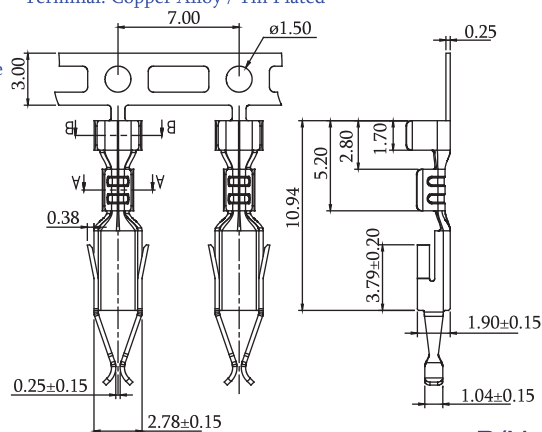
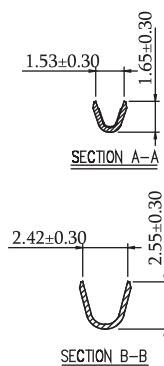
2.5mm 2525 Series Terminal / Hosuing / Wafer IDC Type

Specifications

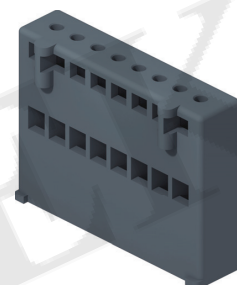
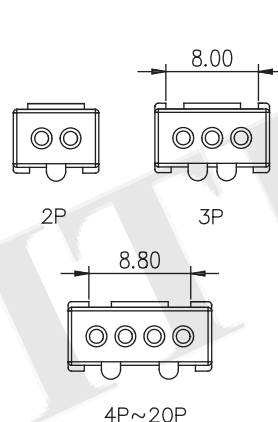
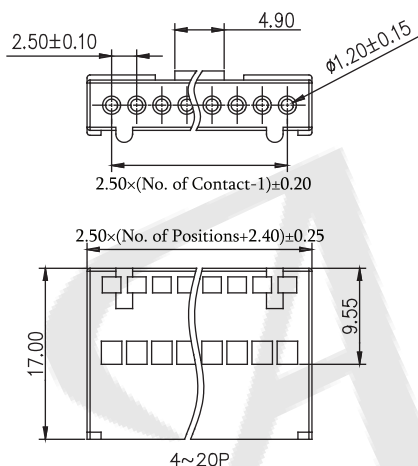
Current Rating: 5A AC,DC
Temperature Range: -40°C to +105°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

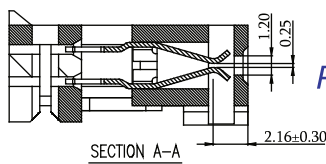
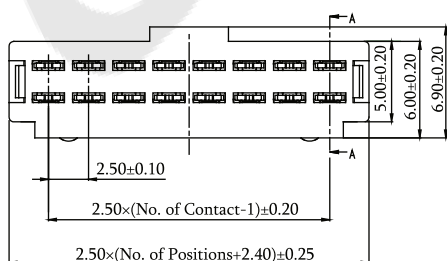
Wafer: PBT, UL94V-0
Terminal: Copper Alloy / Tin Plated



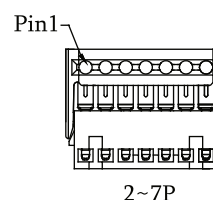
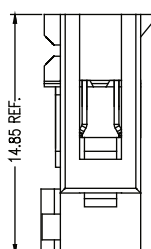
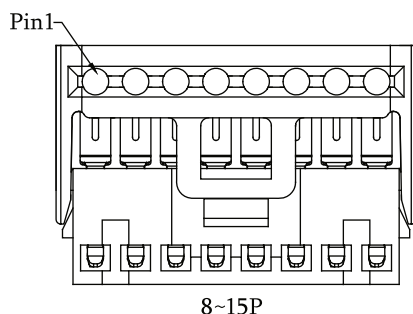
P/N.:5T2525N-PT0RM01



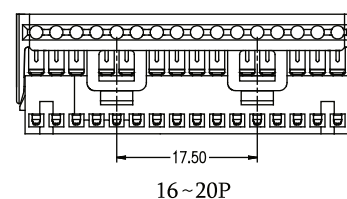
P/N.:5H2525N0-1XXGBL00M01



P/N.:5W2525I0-1XXT0GALM01



2~7P



16~20P

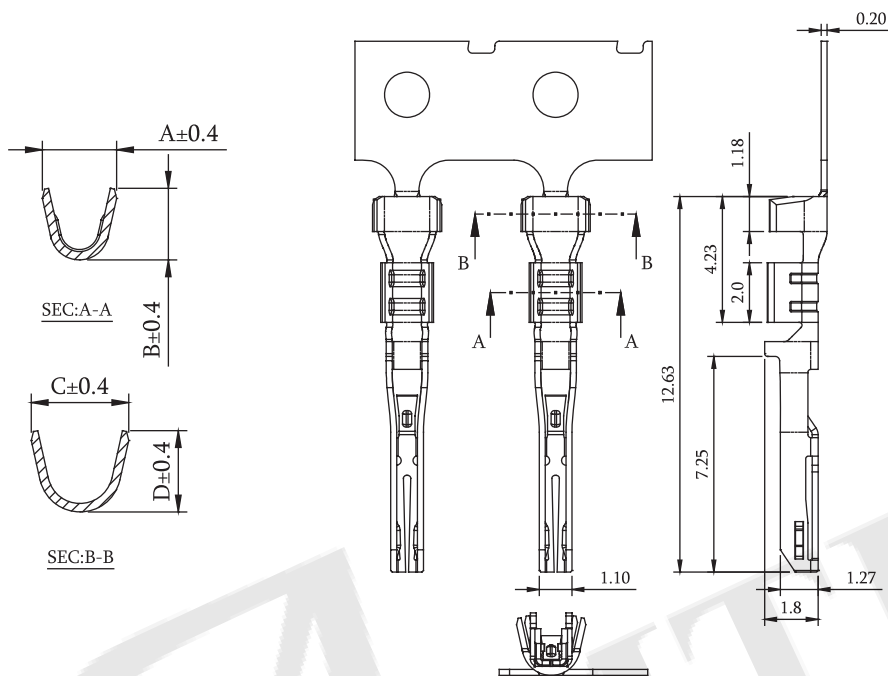
2.5mm 2527 Series Female Terminal / Housing

Specifications

Current Rating: 4A AC, DC
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

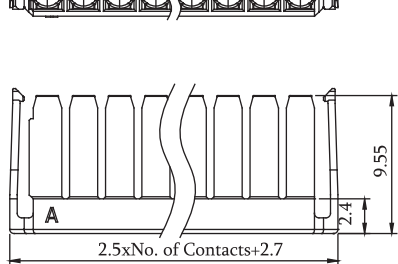
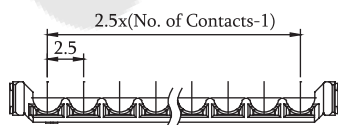
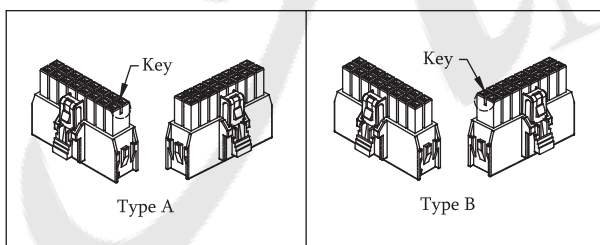
Housing: Nylon 4T + 30% G.F.
Terminal: Brass / Tin Plated



Part No.	Wire Range	Insulation O.D.	Material	Dim. A	Dim. B	Dim. C	Dim. D
5T2527F-ZT0R101	AWG#24-#26	Ø1-1.5mm ±0.1mm	High Conductivity Copper Alloy	1.39	1.45	2.12	2.0
5T2527F-ZT0R102	AWG#20-#22			1.78	1.71	2.33	1.94

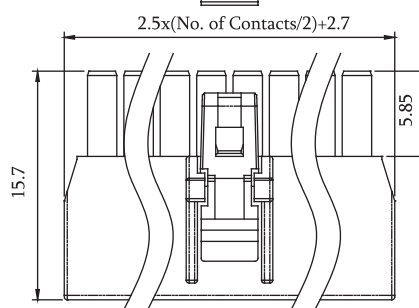
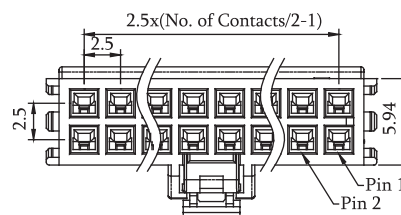
P/N.:5T2527F-ZT0R1XX

See Table



Retainer

Part No.	Type	Color	Retainer
5H2527N0-2XXBBU00101	A	Black	With
5H2527N0-2XXBBU00102	A	Black	W/O
5H2527N0-2XXWBU00103	B	Natural	With
5H2527N0-2XXWBU00104	B	Natural	W/O



P/N.:5H2527N0-2XXXBU001XX

See Table

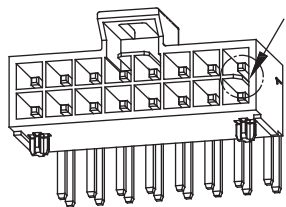
2.5mm 2527 Series Wafer Right Angle / Straight Type

Specifications

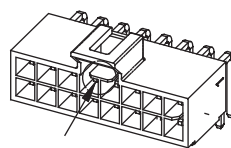
Current Rating: 4A AC, DC
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

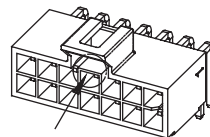
Wafer: LCP
Terminal: Brass / Tin Plated



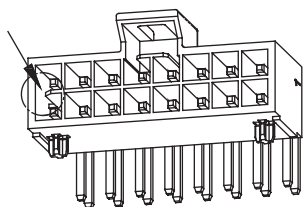
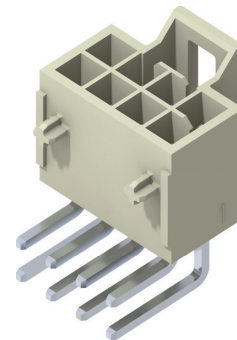
5W2527R1-2XXT0BXUI01



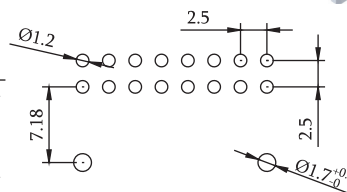
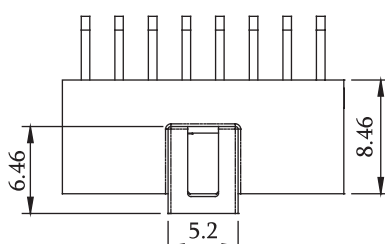
2x2, 2x4, 2x6, 2x8 Pin



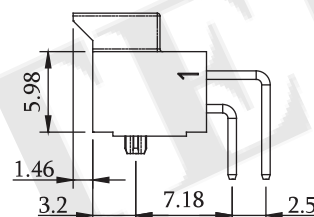
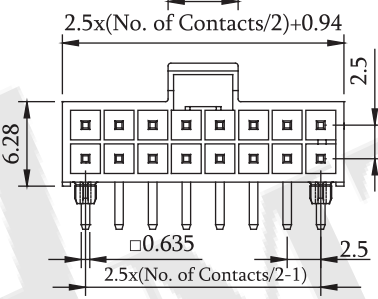
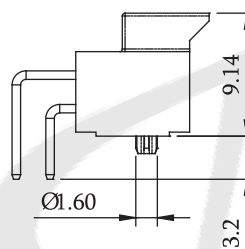
2x3, 2x5, 2x7 Pin



5W2527R1-2XXT0BXUI02

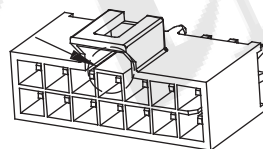


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

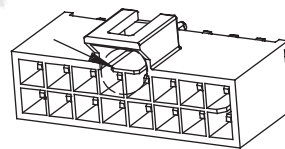


P/N.:5W2527R1-2XXT0XXUIXX

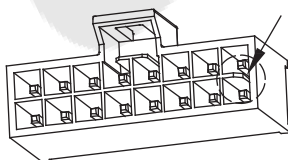
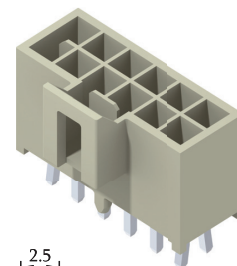
See Drawing



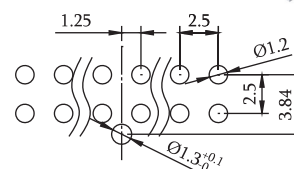
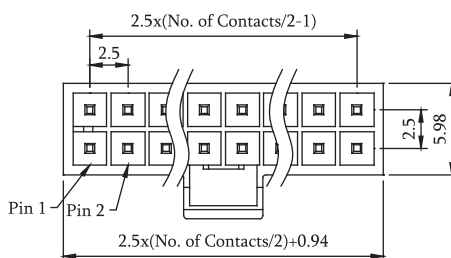
For 6, 10, 14 Pin



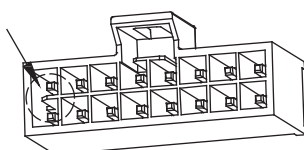
For Other Pins



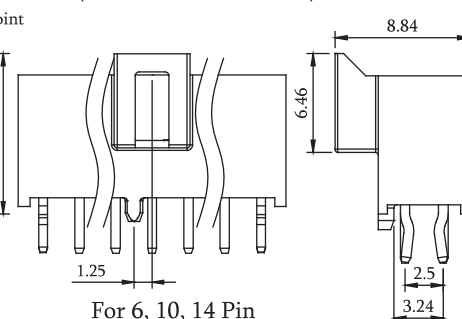
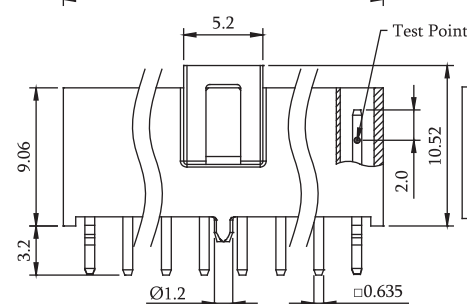
5W2527S0-2XXXXBBUI01
Color: Black



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



5W2527S0-2XXXXWBUI02
Color: Natural



For Other Pins

For 6, 10, 14 Pin

P/N.:5H2527S0-2XXXXBU00IXX

See Drawing

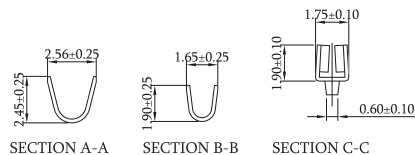
2.5mm 2500 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

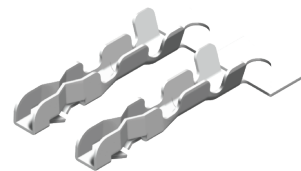
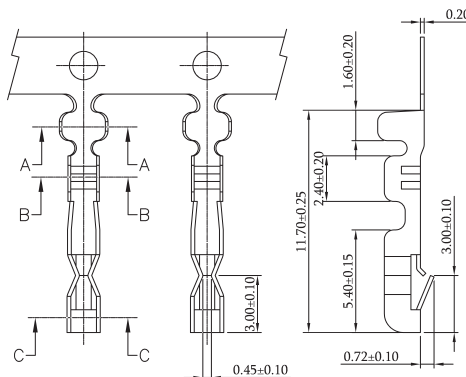
Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 800V AC/minute

Material

Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated

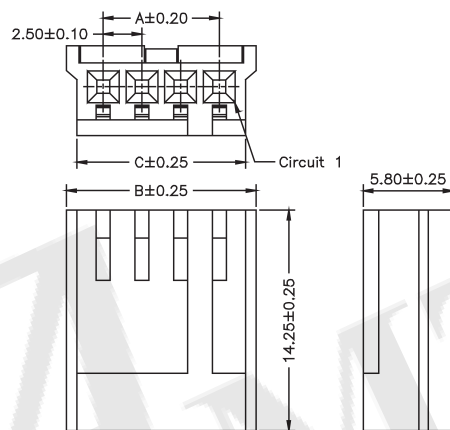


Wire Range	Insulation O.D.	Material	Finish
#20-#26	1.90mm(Max)	Brass	Tin Plated



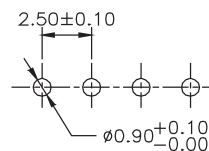
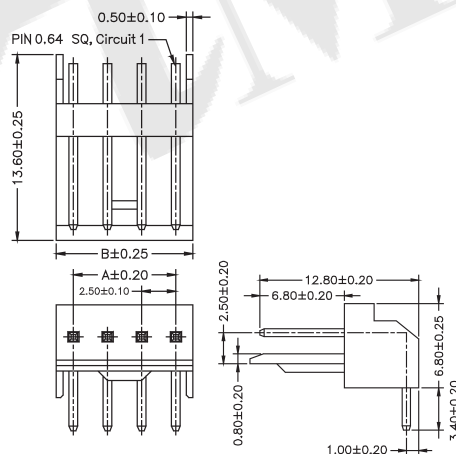
P/N.:5T2500N-BT0R*01
Optional

No. of Contacts	Dimensions		
	A	B	C
02	2.50	7.25	5.90
03	5.00	9.75	8.40
04	7.50	12.25	10.90
05	10.00	14.75	13.40
06	12.50	17.25	15.90
07	15.00	19.75	18.40
08	17.50	22.25	20.90
09	20.00	24.75	23.40
10	22.50	27.25	25.90
11	25.00	29.75	28.40
12	27.50	32.25	30.90
13	30.00	34.75	33.40
14	32.50	37.25	35.90
15	35.00	39.75	38.40



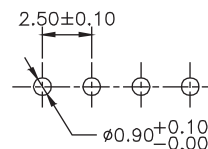
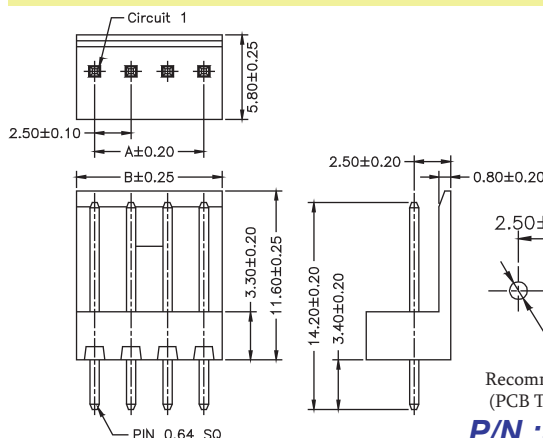
P/N.:5H2500N0-1XXWBL00*01
Optional

No. of Contacts	Dimensions	
	A	B
02	1.25	7.75
03	2.50	9.00
04	3.75	10.25
05	5.00	11.50
06	6.25	12.75
07	7.50	14.00
08	8.75	15.25
09	10.00	16.50
10	11.25	17.75
11	12.50	19.00
12	13.75	20.25
13	15.00	21.50
14	16.25	22.75
15	17.50	24.00
16	18.75	25.25
17	20.00	26.50
18	21.25	27.75



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2500R0-1XXT0WBL*01
Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2500S0-1XXT0WBL*01
Optional

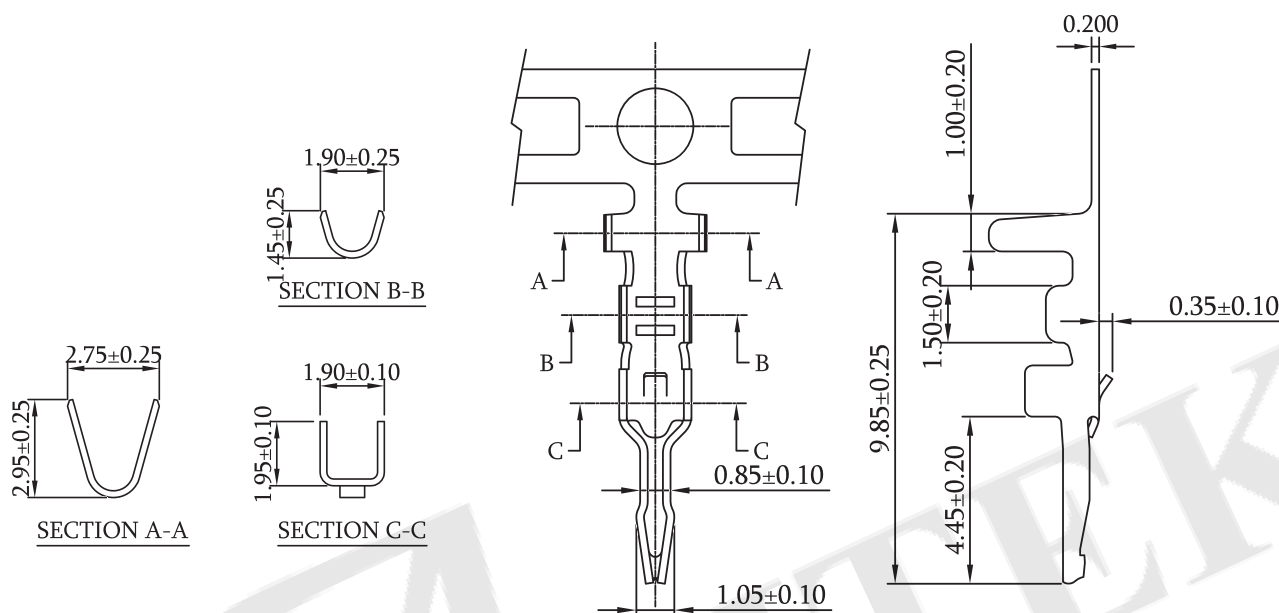
2.5mm 2501 Series Terminal / Housing

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 800V AC/minute

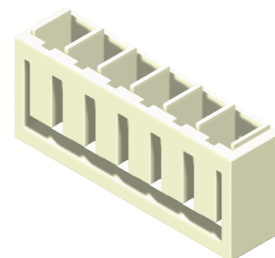
Material

Housing/Wafer: Nylon 66, UL 94V-0

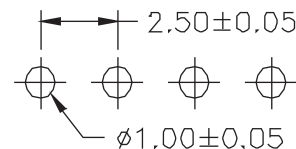
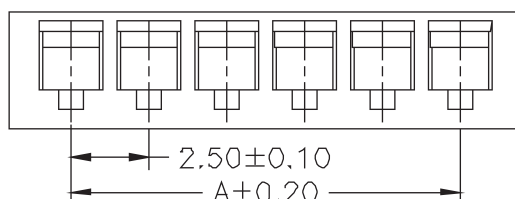


Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.70mm(Max)	Brass	Tin Plated

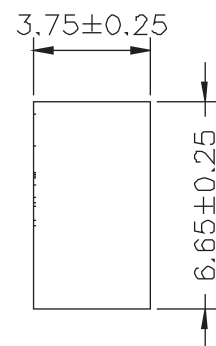
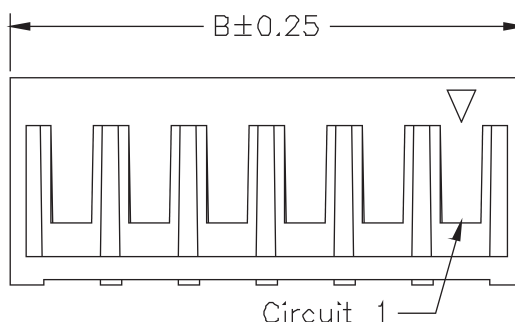
P/N.:5T2501N-BT0R*01
Optional



No. of Contacts	Dimensions	
	A	B
02	2.50	6.50
03	5.00	9.00
04	7.50	11.50
05	10.00	14.00
06	12.50	16.50
07	15.00	19.00
8	17.50	21.50
9	20.00	24.00
10	22.50	26.50
11	25.00	29.00
12	27.50	31.50
13	30.00	34.00
14	32.50	36.50
15	35.00	39.00
16	37.50	41.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5H2501N0-1XXWBL00*01
Optional

CONNECTORS MANUFACTURER

Old P/N.:2502 Series

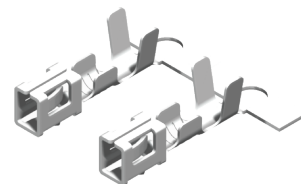
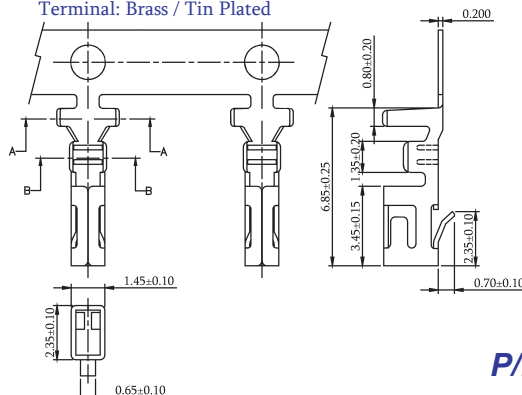
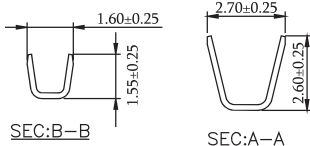
2.5mm 2502 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 800V AC/minute

Material

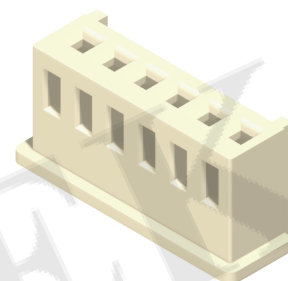
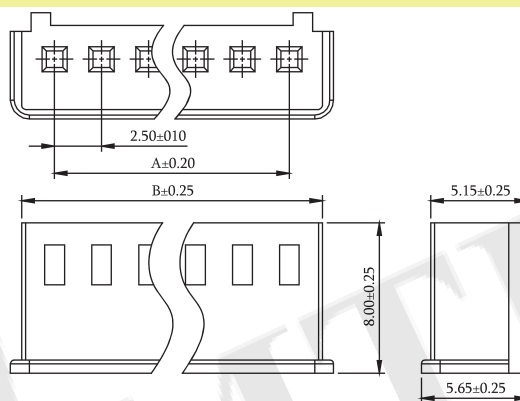
Housing / Wafer: Nylon 66, UL 94V-2
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.75mm(Max)	Brass	Tin Plated

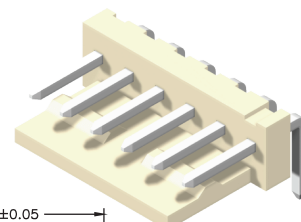
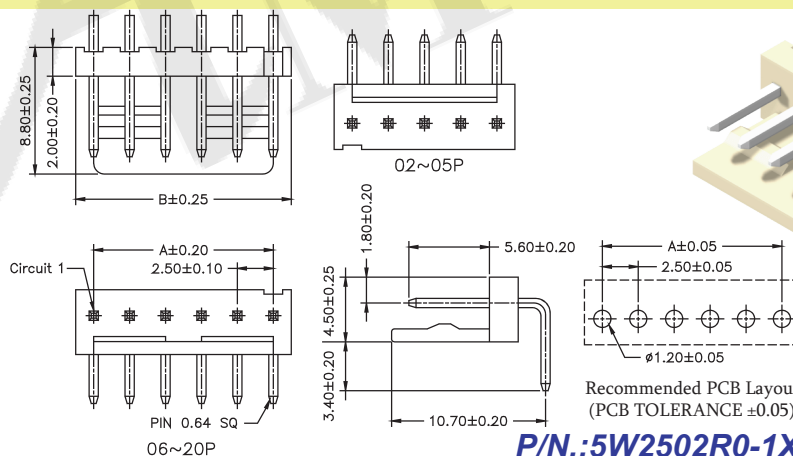
P/N.:5T2502N-BT0R*01
Optional

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	6.00	12	27.50	31.00
03	5.00	8.50	13	30.00	33.50
04	7.50	11.00	14	32.50	36.00
05	10.00	13.50	15	35.00	38.50
06	12.50	16.00	16	37.50	41.00
07	15.00	18.50	17	40.00	43.50
08	17.50	21.00	18	42.50	46.00
09	20.00	23.50	19	45.00	48.50
10	22.50	26.00	20	47.50	51.00
11	25.00	28.50	---	---	---

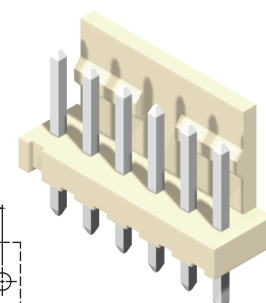
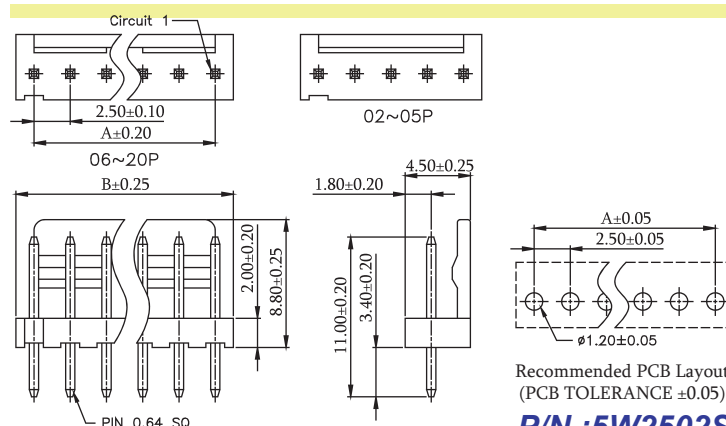


P/N.:5H2502N0-1XXWBL00*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00
17	40.00	42.50
18	42.50	45.00
19	45.00	47.50
20	47.50	50.00



P/N.:5W2502R0-1XXT0WBL*01
Optional



P/N.:5W2502S0-1XXT0WBL*01
Optional

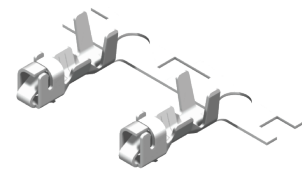
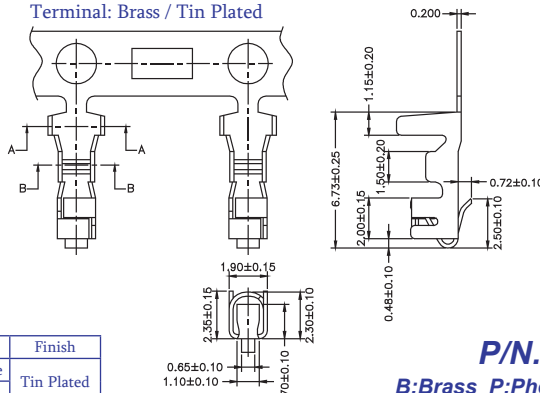
2.5mm 2503 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 800V AC/minute

Material

Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated

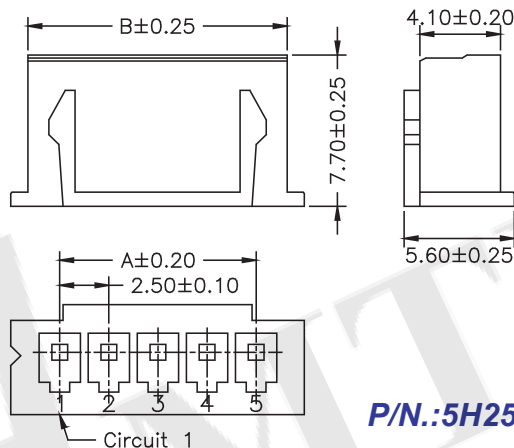


Part No.	Wire Range	Insulation O.D.	Material	Finish
5T2503N-PT0	#22-#28	1.90mm(Max)	Phosphor Bronze	Tin Plated
5T2503N-BT0			Brass	

P/N.:5T2503N-XT0R*01

B:Brass P:Phosphor Bronze Optional

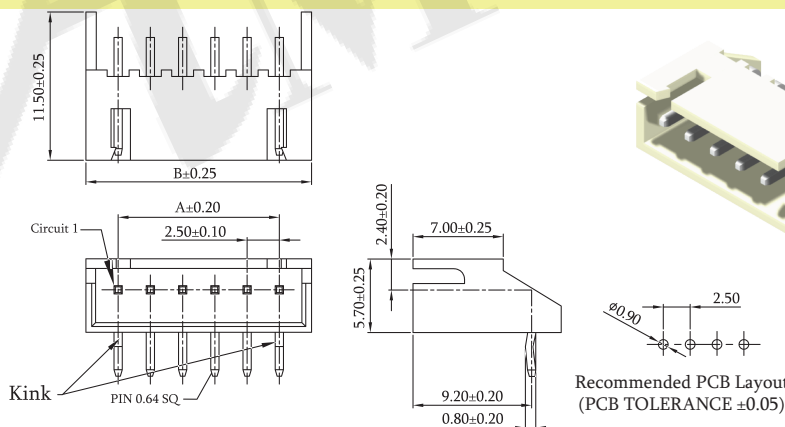
No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	5.70	12	27.50	30.70
03	5.00	8.20	13	30.00	33.20
04	7.50	10.70	14	32.50	35.70
05	10.00	13.20	15	35.00	38.20
06	12.50	15.70	16	37.50	40.70
07	15.00	18.20	17	40.00	43.20
08	17.50	20.70	18	42.50	45.70
09	20.00	23.20	19	45.00	48.20
10	22.50	25.70	20	47.50	50.70
11	25.00	28.20	---	---	---



P/N.:5H2503N0-1XXWBL00*01

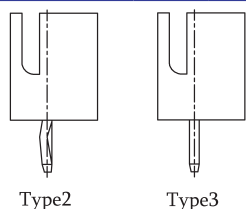
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50



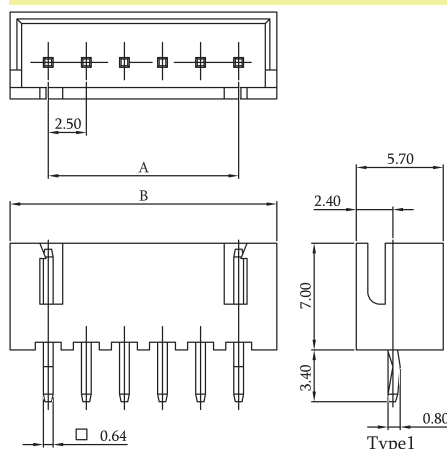
P/N.:5W2503R0-1XXT0WBL*01

Optional



Type2

Type3



Type1

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2503S0-1XXT0WBL*0X

Optional

1:Type1 2:Type2 3:Type3

CONNECTORS MANUFACTURER

Old P/N.:2504 Series

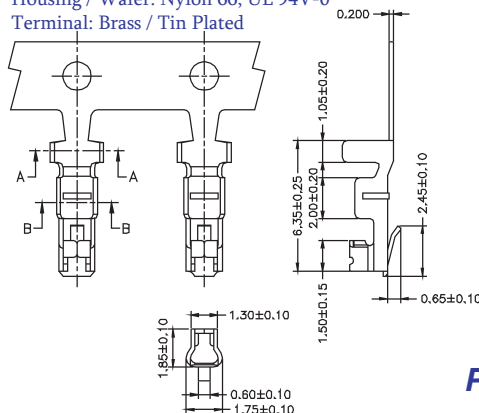
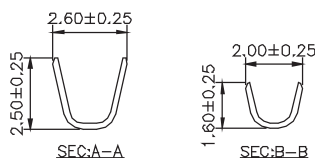
2.5mm 2504 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 500V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.70mm(Max)	Phosphor Bronze	Tin Plated

P/N.:5T2504N-PT0R*01
Optional

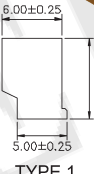
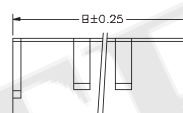
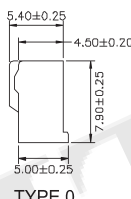
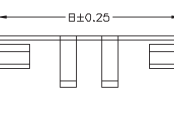
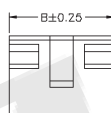
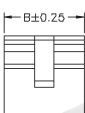
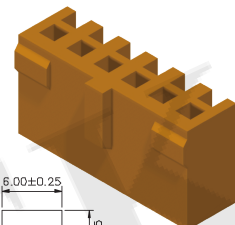
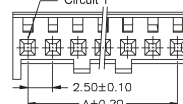
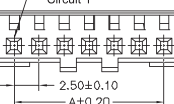
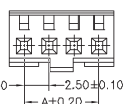
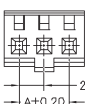
No. of Contacts	Dimensions	
	A	B
02	2.50	5.50
03	5.00	8.00
04	7.50	10.50
05	10.00	13.00
06	12.50	15.50
07	15.00	18.00
08	17.50	20.50
09	20.00	23.00
10	22.50	25.50
11	25.00	28.00
12	27.50	30.50
13	30.00	33.00
14	32.50	35.50
15	35.00	38.00

02,03P

04P~06P

07P~15P

13P~15P



TYPE 0

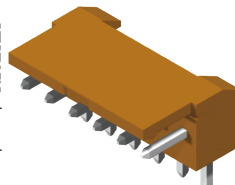
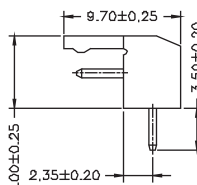
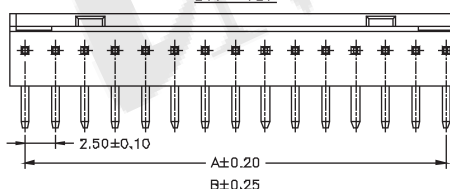
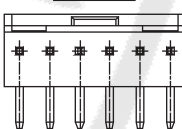
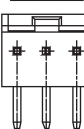
TYPE 1

P/N.:5H2504NX-1XXRBL00*01
0:Type 0 1:Type 1
Optional

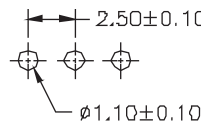
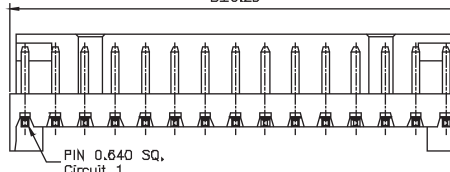
02P,03P

04P~06P

07P~15P



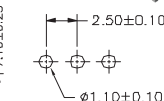
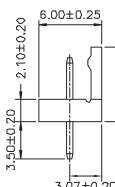
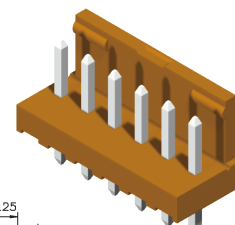
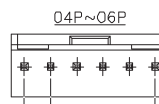
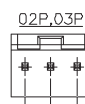
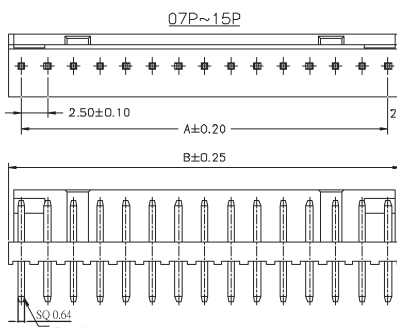
No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	5.00	09	20.00	22.50
03	5.00	7.50	10	22.50	25.00
04	7.50	10.00	11	25.00	27.50
05	10.00	12.50	12	27.50	30.00
06	12.50	15.00	13	30.00	32.50
07	15.00	17.50	14	32.50	35.00
08	17.50	20.00	15	35.00	37.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2504R0-1XXT0RBL*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2504S0-1XXT0RBL*01
Optional

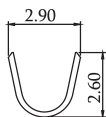
2.5mm 2505 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 800V AC/minute

Material

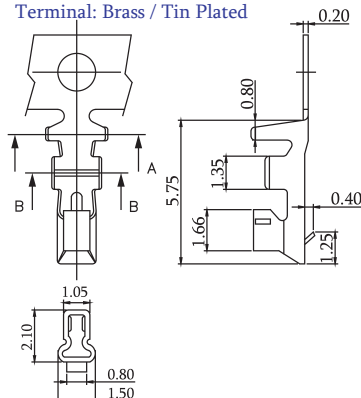
Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated



SEC:A-A



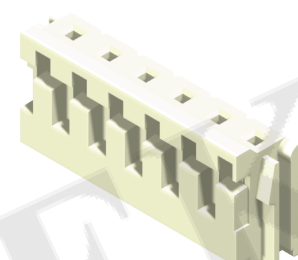
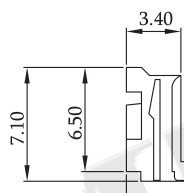
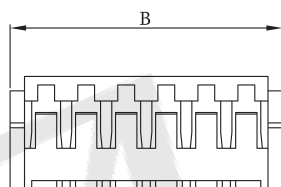
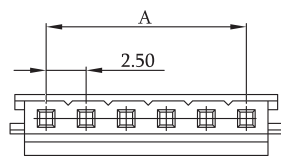
SEC:B-B



Wire Range	Insulation O.D.	Material	Finish
#22-#30	1.80mm(Max)	Phosphor Bronze	Tin Plated

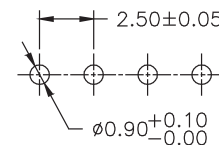
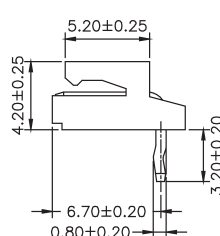
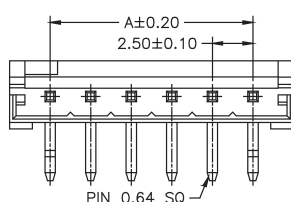
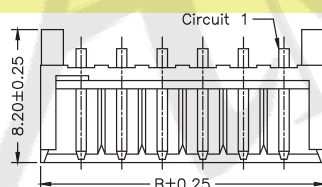
P/N.:5T2505N-PT0R*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.00
03	5.00	9.50
04	7.50	12.00
05	10.00	14.50
06	12.50	17.00
07	15.00	19.50
08	17.50	22.00
09	20.00	24.50
10	22.50	27.00
11	25.00	29.50
12	27.50	32.00
13	30.00	34.50
14	32.50	37.00
15	35.00	39.50



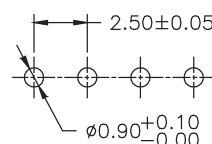
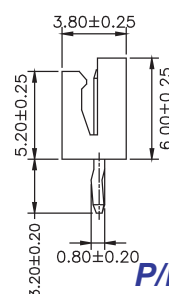
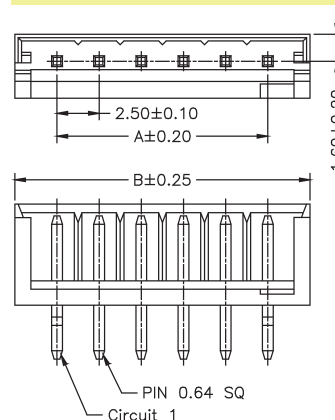
P/N.:5H2505N0-1XXWBL00*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2505R0-1XXT0WBL*01
Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2505S0-1XXT0WBL*01
Optional

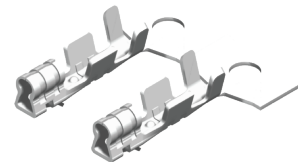
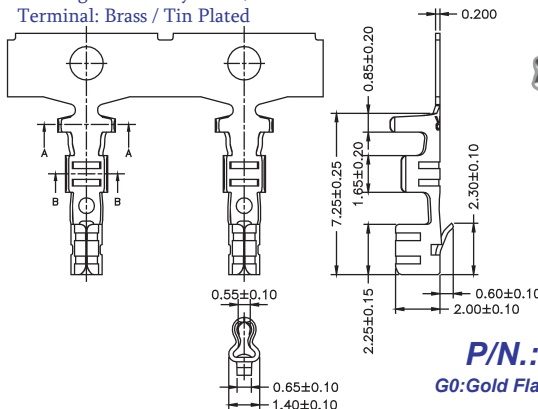
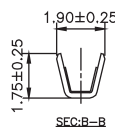
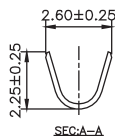
2.5mm 2506 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

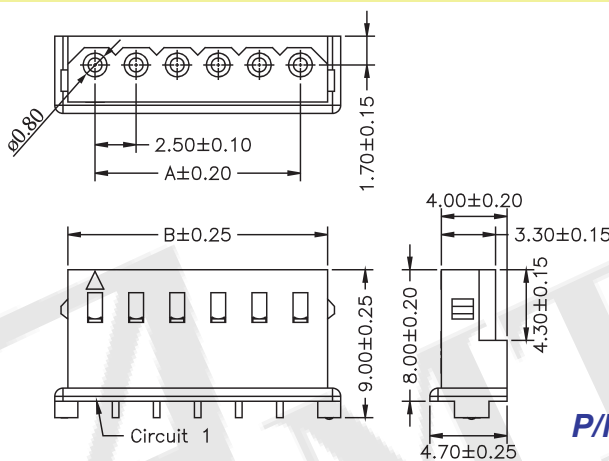
Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.90mm(Max)	Phosphor Bronze	Tin Plated

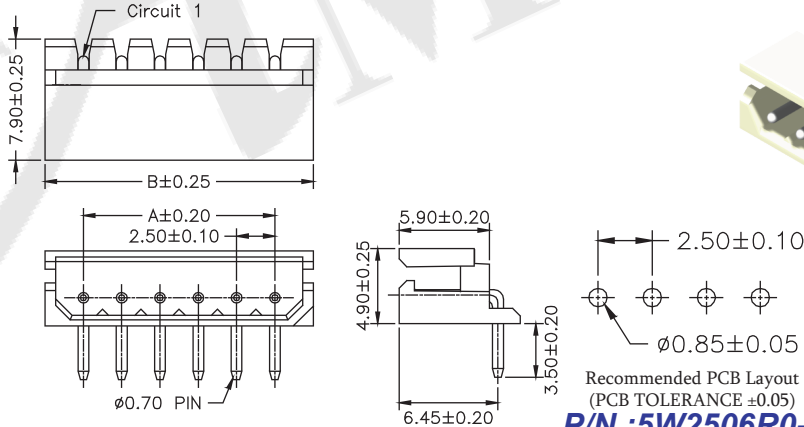
P/N.:5T2506N-PXXR*01
G0:Gold Flash T0:Tin Plated
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	5.80
03	5.00	8.30
04	7.50	10.80
05	10.00	13.30
06	12.50	15.80
07	15.00	18.30
08	17.50	20.80
09	20.00	23.30
10	22.50	25.80
11	25.00	28.30
12	27.50	30.80
13	30.00	33.30
14	32.50	35.80
15	35.00	38.30
16	37.50	40.80

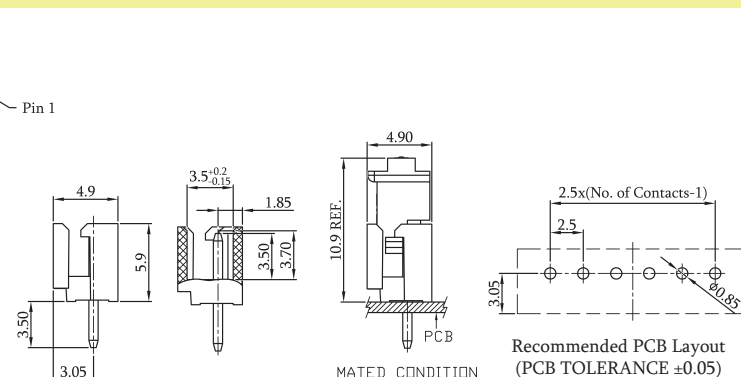
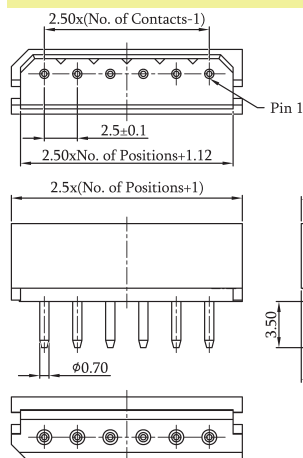


P/N.:5H2506N0-1XXWBL00*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50



P/N.:5W2506R0-1XXT0WBL*01
Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2506S0-1XXT0WBL*01
Optional

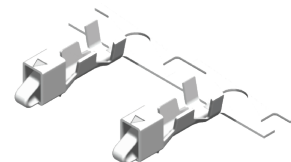
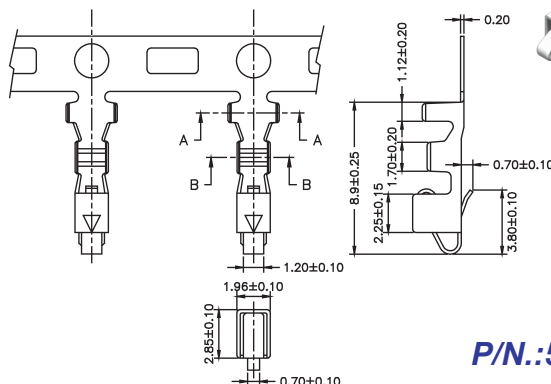
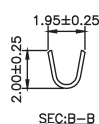
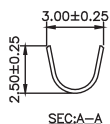
2.5mm 2507 Series Female & Male Terminal / Female & Male Housing

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

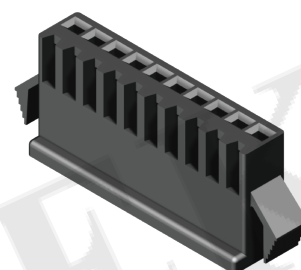
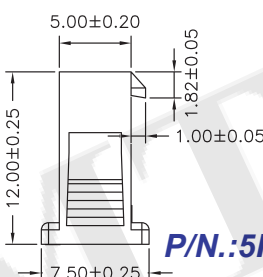
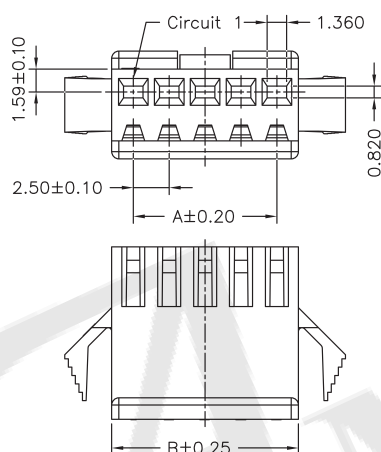
Housing / Wafer: Nylon 66, UL 94V-0



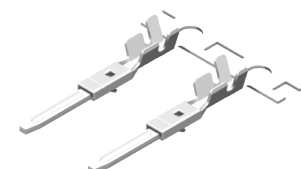
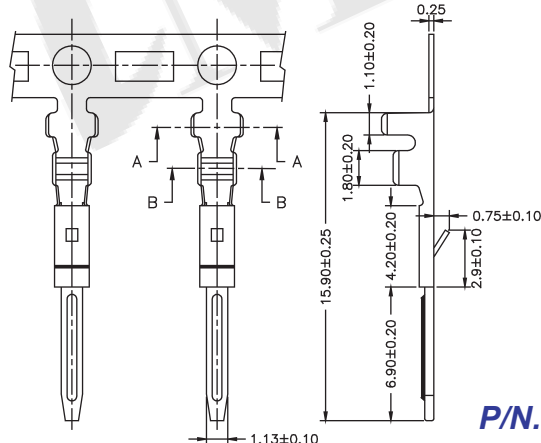
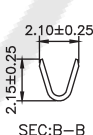
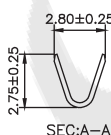
Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.70mm(Max)	Brass	Tin Plated

P/N.:5T2507F-BT0R*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	5.50
03	5.00	8.00
04	7.50	10.50
05	10.00	13.00
06	12.50	15.50
07	15.00	18.00
08	17.50	20.50
09	20.00	23.00
10	22.50	25.50
11	25.00	28.00
12	27.50	30.50



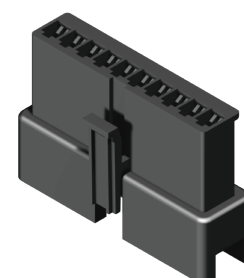
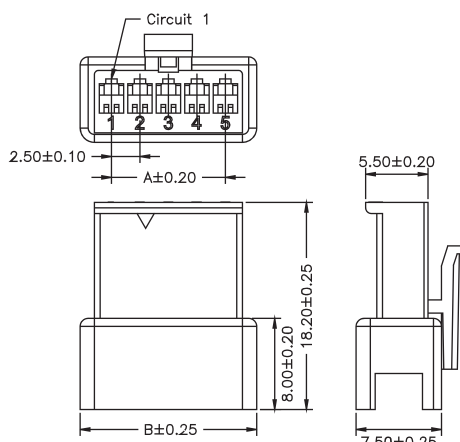
P/N.:5H2507F0-1XXXBL00*01
B:Black W:White Optional



Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.70mm(Max)	Brass	Tin Plated

P/N.:5T2507M-BT0R*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	8.00
03	5.00	10.50
04	7.50	13.00
05	10.00	15.50
06	12.50	18.00
07	15.00	20.50
08	17.50	23.00
09	20.00	25.50
10	22.50	28.00
11	25.00	30.50
12	27.50	33.00



P/N.:5H2507M0-1XXBBL00*01
Optional

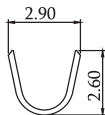
2.5mm 2505 Series Terminal / 2508 Seies Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 500V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

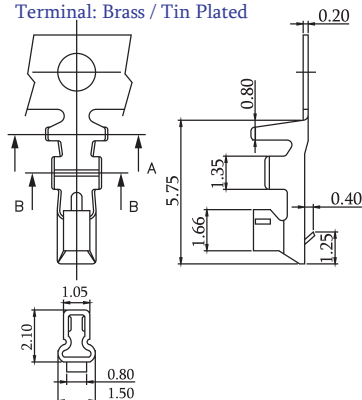
Housing: PBT, UL 94V-0
Terminal: Brass / Tin Plated



SEC:A-A



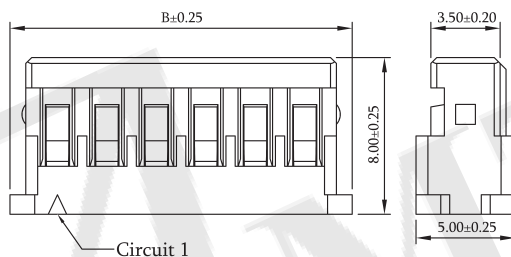
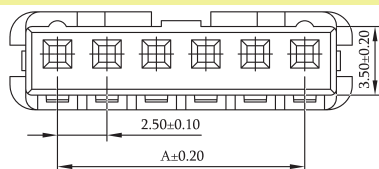
SEC:B-B



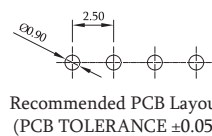
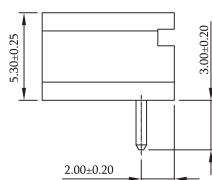
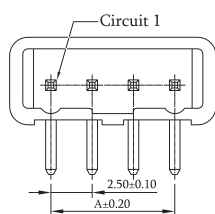
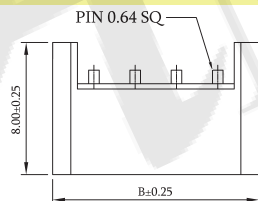
Wire Range	Insulation O.D.	Material	Finish
#22-#30	1.80mm(Max)	Phosphor Bronze	Tin Plated

P/N.:5T2505N-PT0R*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.30
03	5.00	9.80
04	7.50	12.30
05	10.00	14.80
06	12.50	17.30
07	15.00	19.80
08	17.50	22.30
09	20.00	24.80
10	22.50	27.30
11	25.00	29.80
12	27.50	32.30
13	30.00	34.80
14	32.50	37.30
15	35.00	39.80

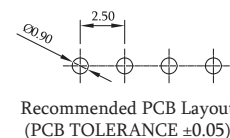
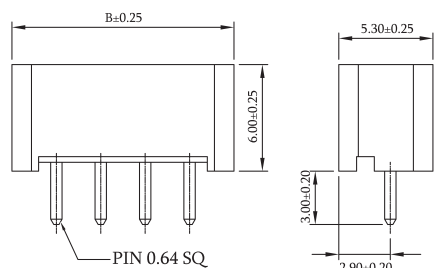
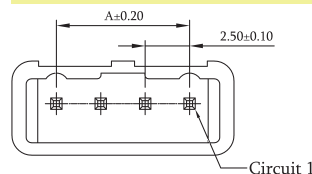


P/N.:5H2508N0-1XXBBL00*01
Optional



P/N.:5W2508R0-1XXT0BBL*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00



P/N.:5W2508S0-1XXT0BBL*01
Optional

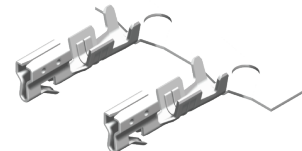
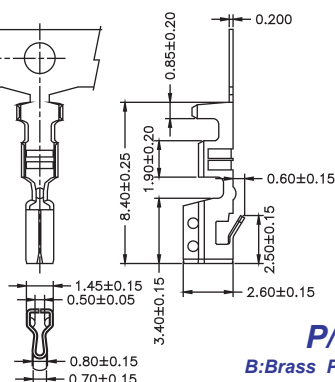
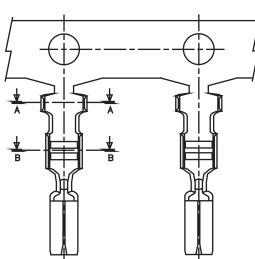
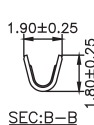
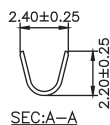
2.5mm 2509 Series Female & Male Terminal / Female & Male Housing

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

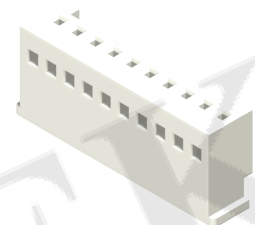
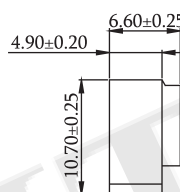
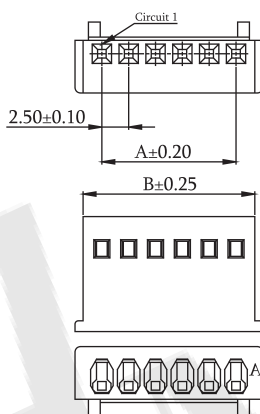
Housing: Nylon 66, UL 94V-0



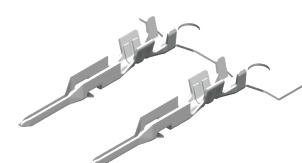
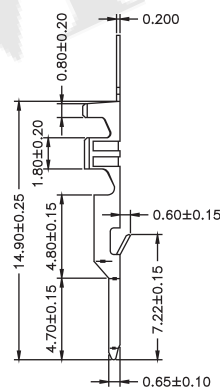
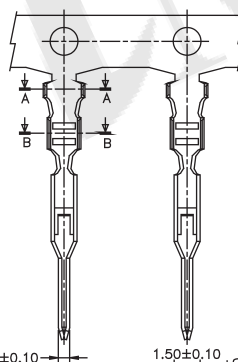
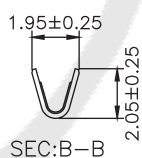
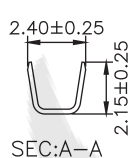
Part No.	Wire Range	Insulation O.D.	Material	Finish
5T2509F-BT0	#22-#28	1.90mm(Max)	Brass	Tin Plated
5T2509F-PT0			Phosphor Bronze	

P/N.:5T2509F-XT0R*01
B:Brass P:Phosphor Bronze Optional

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	6.00	12	27.50	31.00
03	5.00	8.50	13	30.00	33.50
04	7.50	11.00	14	32.50	36.00
05	10.00	13.50	15	35.00	38.50
06	12.50	16.00	16	37.50	41.00
07	15.00	18.50	17	40.00	43.50
08	17.50	21.00	18	42.50	46.00
09	20.00	23.50	19	45.00	48.50
10	22.50	26.00	20	47.50	51.00
11	25.00	28.50	---	---	---



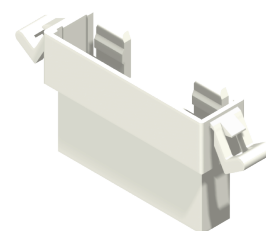
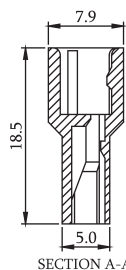
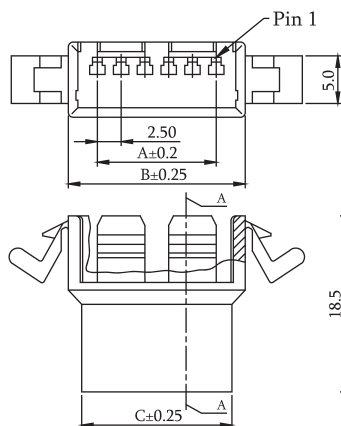
P/N.:5H2509F0-1XXWBL00*01
Optional



Part No.	Wire Range	Insulation O.D.	Material	Finish
5T2509M-BT0	#22-#28	1.90mm(Max)	Brass	Tin Plated
5T2509M-PT0			Phosphor Bronze	

P/N.:5T2509M-XT0R*01
B:Brass P:Phosphor Bronze Optional

No. of Contacts	Dimensions		
	A	B	C
02	2.50	8.60	5.80
03	5.00	11.10	8.30
04	7.50	13.60	10.80
05	10.00	16.10	13.30
06	12.50	18.60	15.80
07	15.00	21.10	18.30
08	17.50	23.60	20.80
09	20.00	26.10	23.30
10	22.50	28.60	25.80
11	25.00	31.10	28.30
12	27.50	33.60	30.80

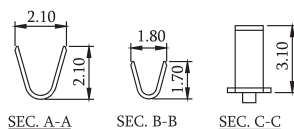


P/N.:5H2509M0-1XXWBL00*01
Optional

2.5mm 2510 Series Terminal / Housing / Wafer Right Angle & Straight Type

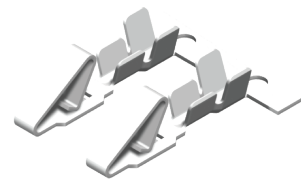
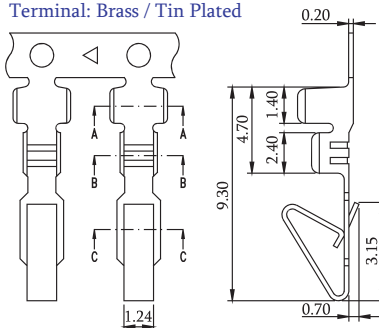
Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -40°C to +105°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute



Material

Housing: Nylon 66, UL 94V-0
Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated

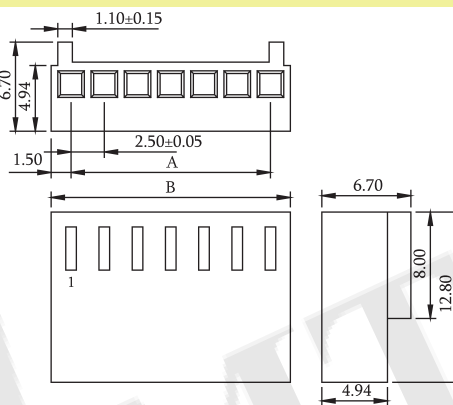


Part No.	Wire Range	Material	Finish
5T2510N-BT0	#22-#26	Brass	Tin Plated
5T2510N-PT0		Phosphor Bronze	Selective
5T2510N-BS0		Brass	Gold Plated
5T2510N-PG0		Phosphor Bronze	Gold Plated

P/N.:5T2510N-XXXX*01

B:Brass P:Phosphor Bronze
T0:Tin Plated G0:Gold Flash S0:Selective Au Optional

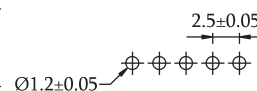
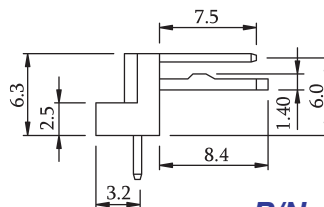
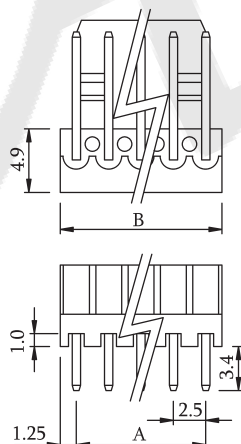
No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	5.50	12	27.50	30.50
03	5.00	8.00	13	30.00	33.00
04	7.50	10.50	14	32.50	35.50
05	10.00	13.00	15	35.00	38.00
06	12.50	15.50	16	37.50	40.50
07	15.00	18.00	17	40.00	43.00
08	17.50	20.50	18	42.50	45.50
09	20.00	23.00	19	45.00	48.00
10	22.50	25.50	20	47.50	50.50
11	25.00	28.00	---	---	---



P/N.:5H2510N0-1XXWBL00*01

Optional

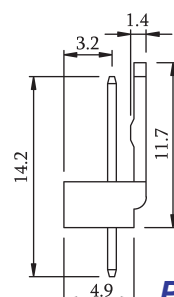
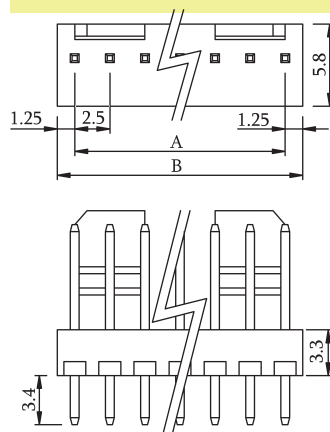
No. of Contacts	Dimensions	
	A	B
02	2.50	5.00
03	5.00	7.50
04	7.50	10.00
05	10.00	12.50
06	12.50	15.00
07	15.00	17.50
08	17.50	20.00
09	20.00	22.50
10	22.50	25.00
11	25.00	27.50
12	27.50	30.00
13	30.00	32.50
14	32.50	35.00
15	35.00	37.50
16	37.50	40.00
17	40.00	42.50
18	42.50	45.00
19	45.00	47.50
20	47.50	50.00



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2510R0-1XXT0WBL*01

Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2510S0-1XXT0WBL*01

Optional

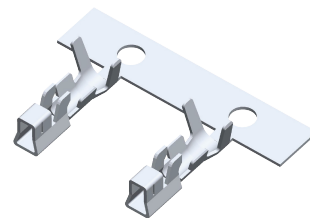
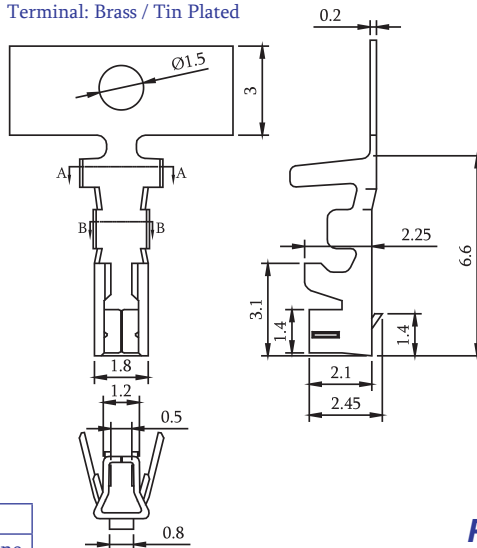
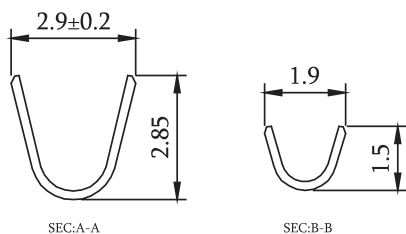
2.5mm 2511 Series Terminal / Female Housing / Wafer Straight Type

Specifications

Current Rating: 3A AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1000V AC/minute
Operation Temperature: -25°C to +85°C

Material

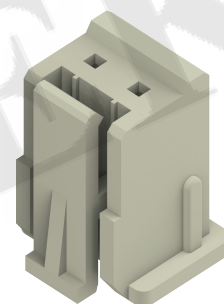
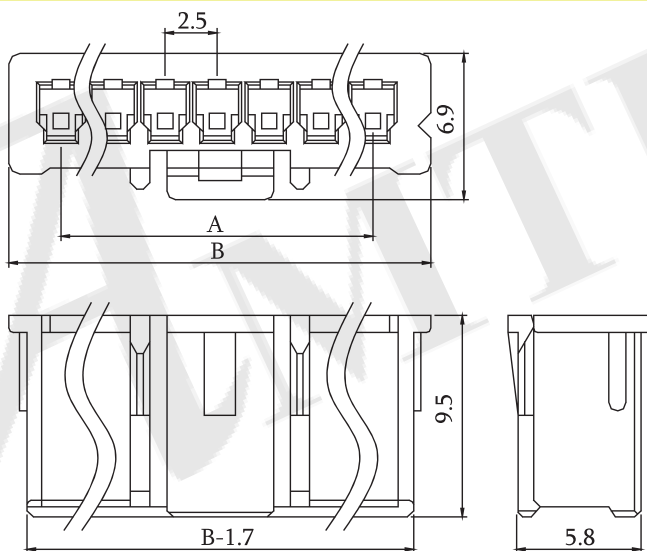
Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material
#20-#28	1.8mm(Max)	Phosphor Bronze

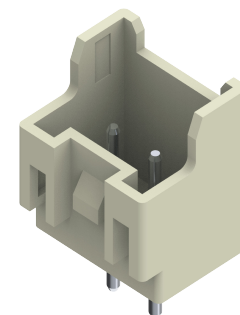
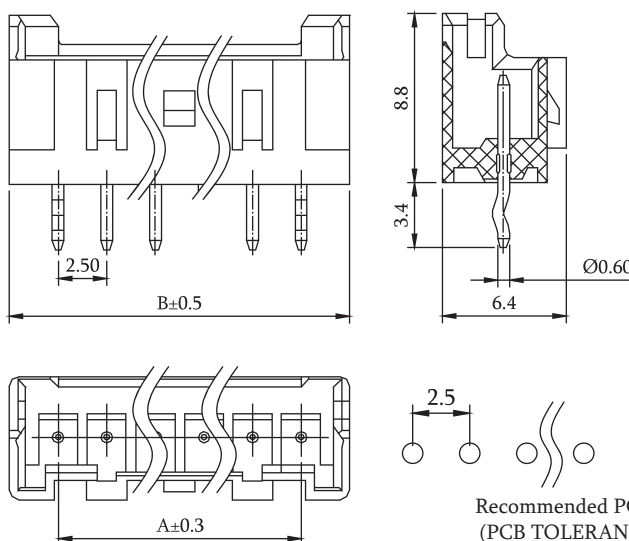
P/N.:5T2511F-PT0R*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.30
03	5.00	9.80
04	7.50	12.30
05	10.00	14.80
06	12.50	17.30
07	15.00	19.80
08	17.50	22.30
09	20.00	24.80
10	22.50	27.30
11	25.00	29.80
12	27.50	32.30
13	30.00	34.80
14	32.50	37.30
15	35.00	39.80
16	37.50	42.30
17	40.00	44.80
18	42.50	47.30
19	45.00	49.80
20	47.50	52.30



P/N.:5H2511F0-1XXWBL00*01
Optional

No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00
16	37.50	42.50
17	40.00	45.00
18	42.50	47.50
19	45.00	50.00
20	47.50	52.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2511S0-1XXT0WBL*01
Optional

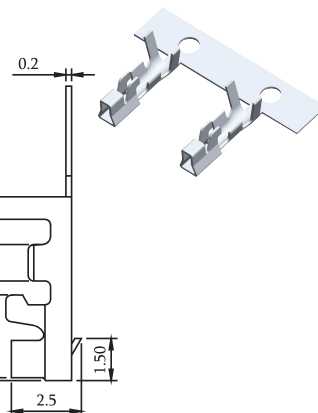
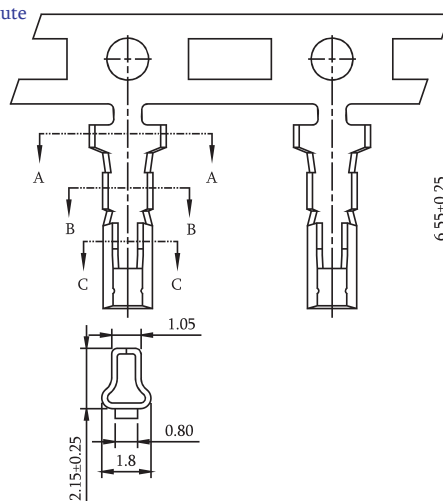
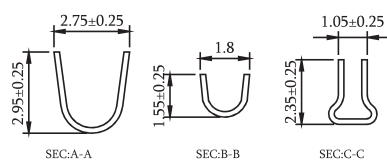
2.5mm 2513 Series Female Terminal / Housing / Wafer Straight Type

Specifications

Current Rating: 3A AC, DC
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1000V AC for one minute
Operation Temperature: -40°C to +105°C

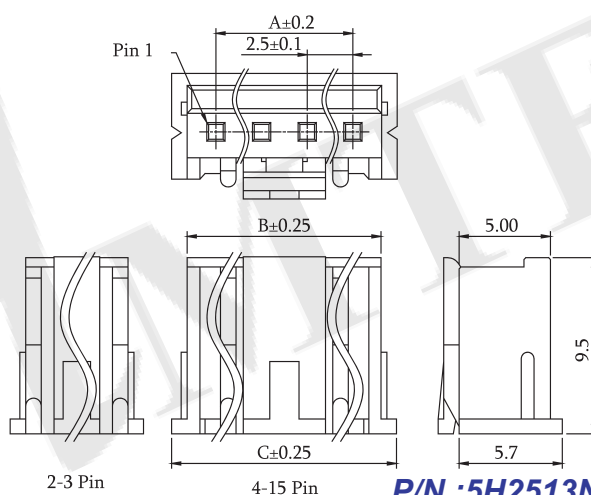
Material

Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated

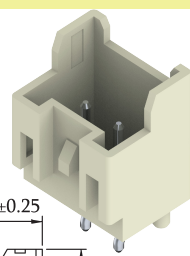
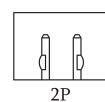
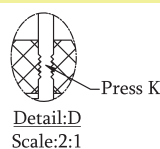
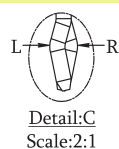
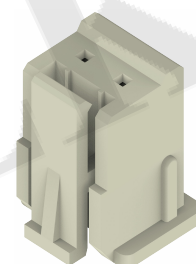


Wire Range	Insulation O.D.	Material
#22-#28	Ø1.9mm(Max)	Phosphor Bronze

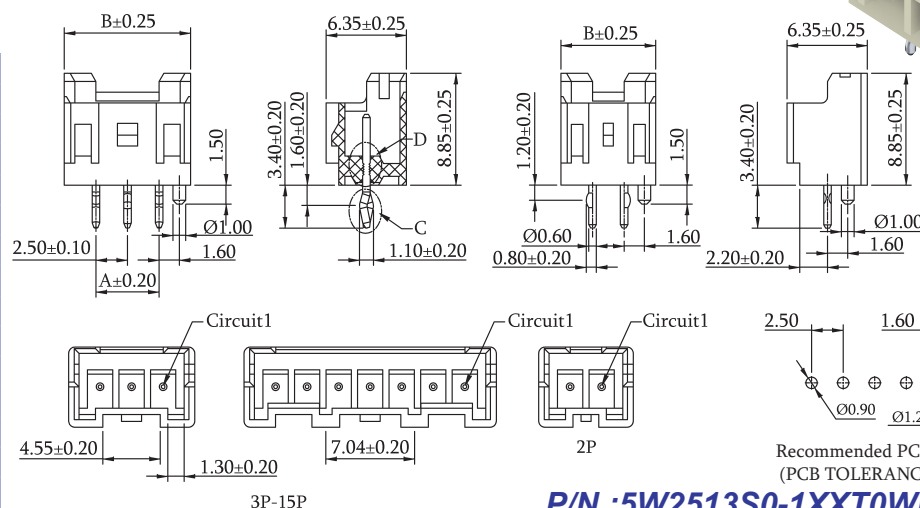
No. of Contacts	Dimensions		
	A	B	C
02	2.50	5.64	7.30
03	5.00	8.14	9.80
04	7.50	10.64	12.30
05	10.00	13.14	14.80
06	12.50	15.64	17.30
07	15.00	18.14	19.80
08	17.50	20.64	22.30
09	20.00	23.14	24.80
10	22.50	25.64	27.30
11	25.00	28.14	29.80
12	27.50	30.64	32.30
13	30.00	33.14	34.80
14	32.50	35.64	37.30
15	35.00	38.14	39.80



P/N.:5T2513F-PT0R*01
Optional ☒



No. of Contacts	Dimensions		Press K	
	A	B	R	L
02	2.50	7.50	---	---
03	5.00	10.00	P1,P3	P2
04	7.50	12.50	P1,P4	P2
05	10.00	15.00	P1,P5	P3
06	12.50	17.50	P1,P6	P3
07	15.00	20.00	P1,P7	P4
08	17.50	22.50	P1,P8	P4
09	20.00	25.00	P1,P9	P5
10	22.50	27.50	P1,P10	P5
11	25.00	30.00	P1,P11	P6
12	27.50	32.50	P1,P12	P6
13	30.00	35.00	P1,P13	P7
14	32.50	37.50	P1,P14	P7
15	35.00	40.00	P1,P15	P8



Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

P/N.:5W2513S0-1XXT0WBL*01
Optional

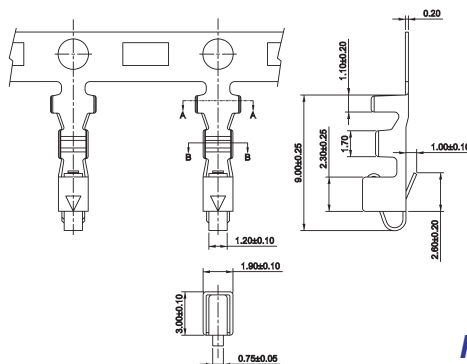
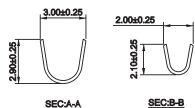
2.5mm 2515 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -40°C to +105°C
Contact Resistance: 15mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

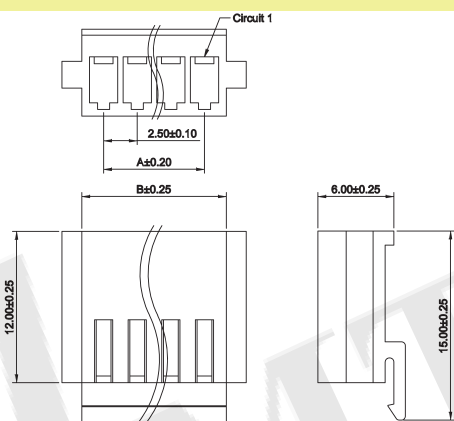
Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
#22-#28	1.8mm(Max)	Brass	Tin Plated

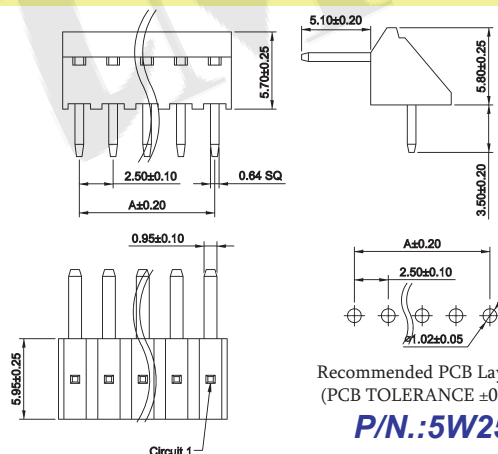
P/N.:5T2515N-BT0R*01
Optional

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	2.50	5.64	14	32.50	35.64
03	5.00	8.14	15	35.00	38.14
04	7.50	10.64	16	37.50	40.70
05	10.00	13.14	17	40.00	43.20
06	12.50	15.64	18	42.50	45.70
07	15.00	18.14	19	45.00	48.20
08	17.50	20.64	20	47.50	50.70
09	20.00	23.14	21	50.00	53.20
10	22.50	25.64	22	52.50	55.70
11	25.00	28.14	23	55.00	58.20
12	27.50	30.64	24	57.50	60.70
13	30.00	33.14	25	60.00	63.20



P/N.:5H2515N0-1XXWBL00*01
Optional

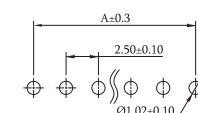
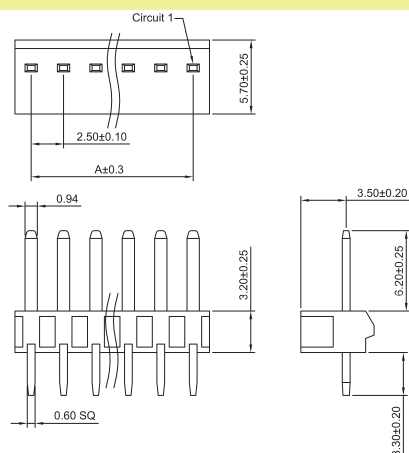
No. of Contacts	Dimensions	No. of Contacts	Dimensions
	A		A
02	2.50	14	32.50
03	5.00	15	35.00
04	7.50	16	37.50
05	10.00	17	40.00
06	12.50	18	42.50
07	15.00	19	45.00
08	17.50	20	47.50
09	20.00	21	50.00
10	22.50	22	52.50
11	25.00	23	55.00
12	27.50	24	57.50
13	30.00	25	60.00



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2515R0-1XXT0WBL*01
Optional

No. of Contacts	Dimensions	No. of Contacts	Dimensions
	A		A
02	2.50	12	27.50
03	5.00	13	30.00
04	7.50	14	32.50
05	10.00	15	35.00
06	12.50	16	37.50
07	15.00	17	40.00
08	17.50	18	42.50
09	20.00	19	45.00
10	22.50	20	47.50
11	25.00		



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2515S0-1XXT0WBL*01
Optional

CONNECTORS MANUFACTURER

Old P/N.:2517 Series

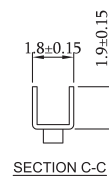
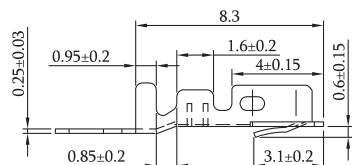
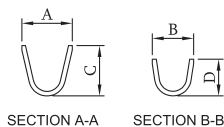
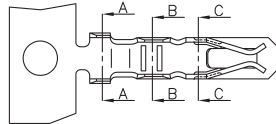
2.5mm 2517 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 30mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1000V AC/minute

Material

Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated



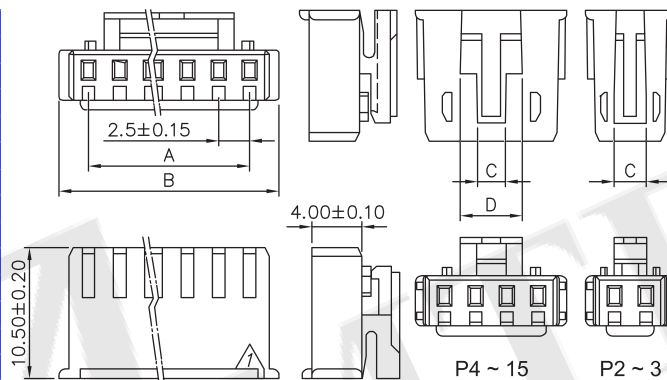
Part No.	Wire Range	Insulation O.D.	Material	Finish	A	B	C	D
5T2517N-PT0H301	#22-#26	1.7-1.35mm(Max)	Phosphor Bronze	Tin Plated	2.30	1.9	2.25	1.65
5T2517N-PT0H302	#28-#30	1.2-1.05mm(Max)	Phosphor Bronze	Tin Plated	2.05	1.4	2.05	1.30

P/N.:5T2517N-PT0R*XX

Optional

01:For AWG #22-#26 02:For AWG #28-#30

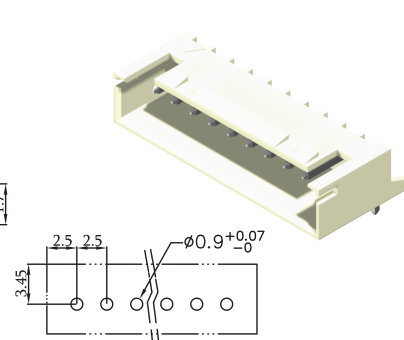
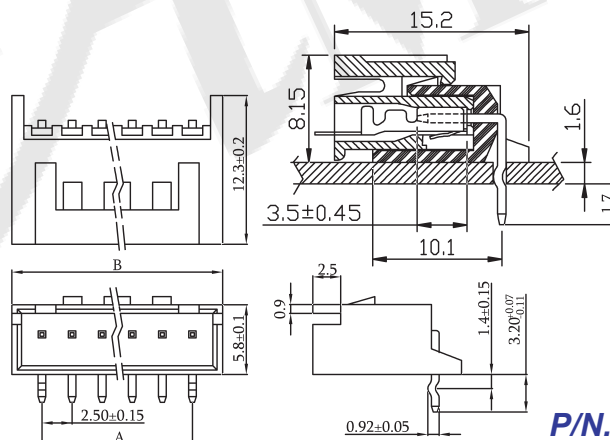
No. of Contacts	Dimensions			
	A	B	C	D
02	2.50	7.10	2.60	---
03	5.00	9.60	2.60	---
04	7.50	12.10	2.30	5.00
05	10.00	14.60	4.80	7.50
06	12.50	17.10	7.30	10.00
07	15.00	19.60	9.80	12.50
08	17.50	22.10	12.30	15.00
09	20.00	24.60	12.30	15.00
10	22.50	27.10	12.30	15.00
11	25.00	29.60	12.30	15.00
12	27.50	32.10	12.30	15.00
13	30.00	34.60	12.30	15.00
14	32.50	37.10	12.30	15.00
15	35.00	39.60	12.30	15.00



P/N.:5H2517N0-1XXWBL00*01

Optional

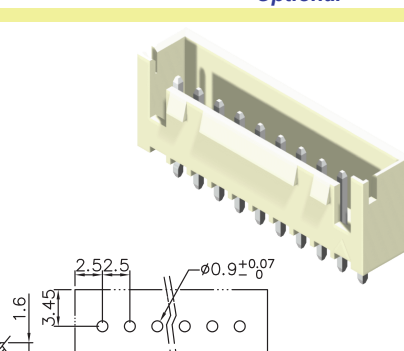
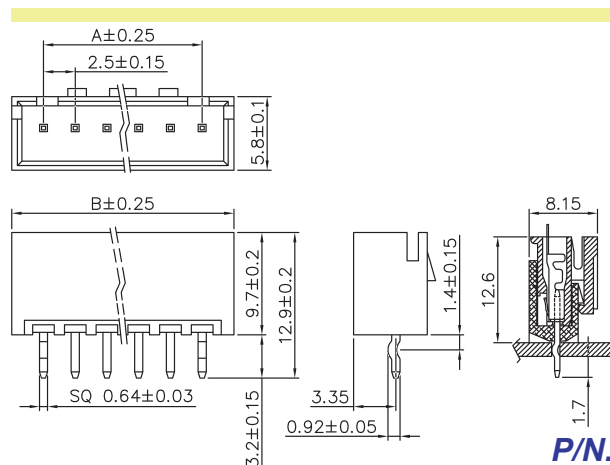
No. of Contacts	Dimensions	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
13	30.00	35.00
14	32.50	37.50
15	35.00	40.00



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2517R0-1XXT0WBL*01

Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2517S0-1XXT0WBL*01

Optional

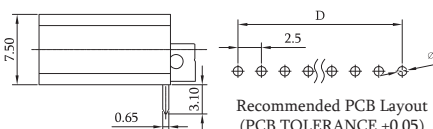
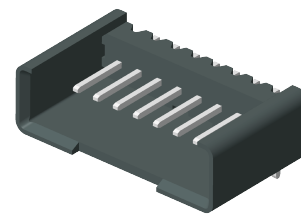
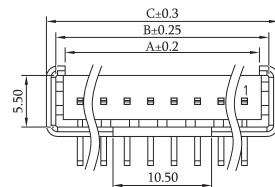
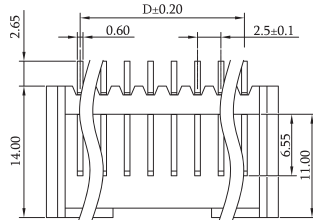
2.5mm 2525 Series Wafer Right Angle Type

Specifications

Current Rating: 5A AC, DC
Temperature Range: -40°C to +105°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

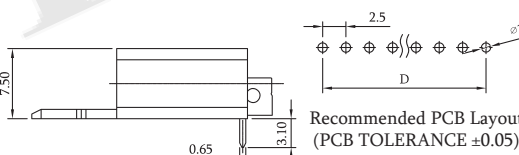
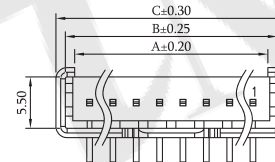
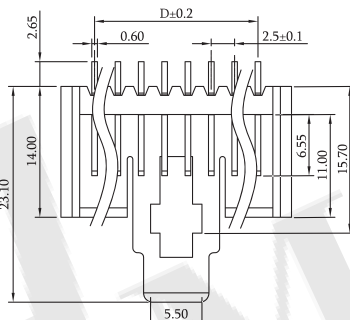
Wafer: PBT + 30% G.F, UL 94V-0
Terminal: Brass / Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

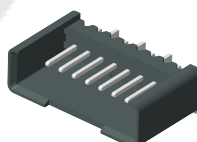
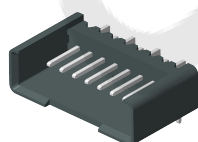
P/N.:5W2525R0-1XXT0GAL*01
Optional

No. of Contacts	Dimensions			
	A	B	C	D
02	5.70	7.70	9.70	2.50
03	8.20	10.20	12.20	5.00
04	10.70	12.70	14.70	7.50
05	13.20	15.20	17.20	10.00
06	15.70	17.70	19.70	12.50
07	18.20	20.20	22.20	15.00
08	20.70	22.70	24.70	17.50
09	23.20	25.20	27.20	20.00
10	25.70	27.70	29.70	22.50
11	28.20	30.20	32.20	25.00
12	30.70	32.70	34.70	27.50
13	33.20	35.20	37.20	30.00
14	35.70	37.70	39.70	32.50
15	38.20	40.20	42.20	35.00
16	40.70	42.70	44.70	37.50
17	43.20	45.20	47.20	40.00
18	45.70	47.70	49.70	42.50
19	48.20	50.20	52.20	45.00
20	50.70	52.70	54.70	47.50



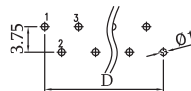
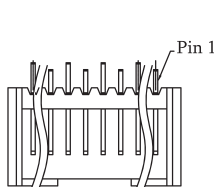
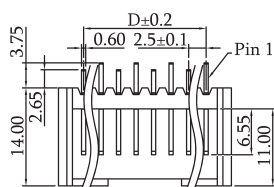
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2525R1-1XXT0GXL*01
Optional

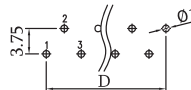


Type 1

Type 2



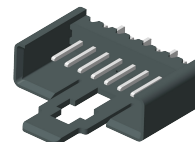
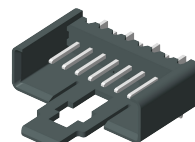
Type 2



Type 1

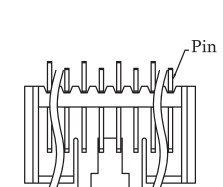
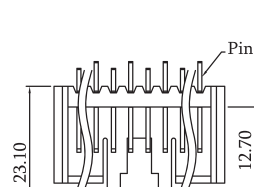
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

W/O Latch: 02-20 Pin



Type 1

Type 2



With Latch: 04-20 Pin

P/N.:5W2525RX-1XXT0GXL*01
Optional

2:W/O Latch Type 1 3:W/O Latch Type 2 4:With Latch Type 1 5:With Latch Type 2

2.5mm 2525 Series Wafer Straight Type

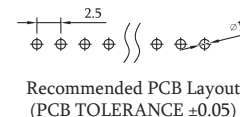
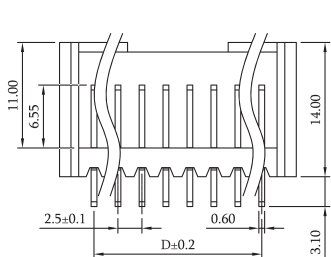
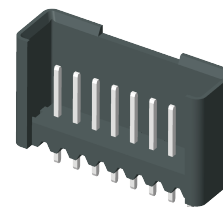
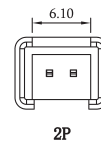
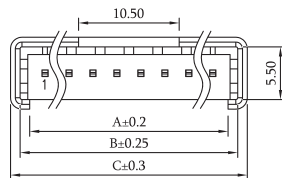
Specifications

Current Rating: 5A AC, DC
 Temperature Range: -40°C to +105°C
 Contact Resistance: 10mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstanding Voltage: 1500V AC/minute

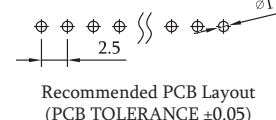
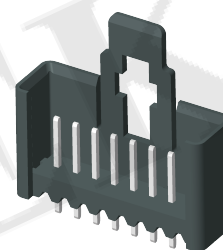
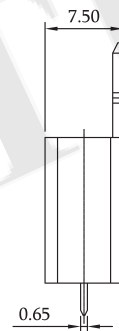
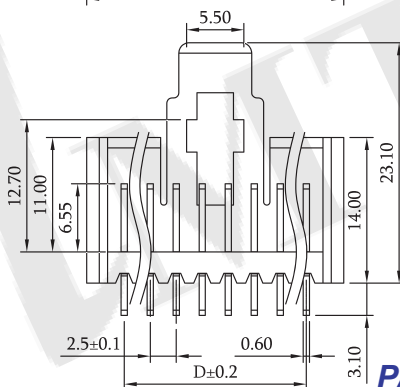
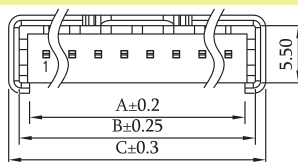
Material

Wafer: PBT + 30% G.F, UL 94V-0
 Terminal: Brass / Tin Plated

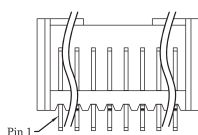
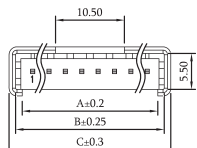
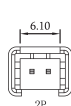
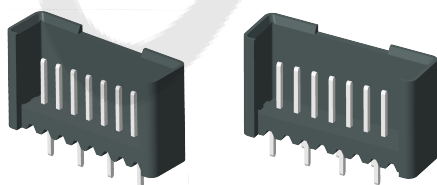
No. of Contacts	Dimensions			
	A	B	C	D
02	5.70	7.70	9.70	2.50
03	8.20	10.20	12.20	5.00
04	10.70	12.70	14.70	7.50
05	13.20	15.20	17.20	10.00
06	15.70	17.70	19.70	12.50
07	18.20	20.20	22.20	15.00
08	20.70	22.70	24.70	17.50
09	23.20	25.20	27.20	20.00
10	25.70	27.70	29.70	22.50
11	28.20	30.20	32.20	25.00
12	30.70	32.70	34.70	27.50
13	33.20	35.20	37.20	30.00
14	35.70	37.70	39.70	32.50
15	38.20	40.20	42.20	35.00
16	40.70	42.70	44.70	37.50
17	43.20	45.20	47.20	40.00
18	45.70	47.70	49.70	42.50
19	48.20	50.20	52.20	45.00
20	50.70	52.70	54.70	47.50



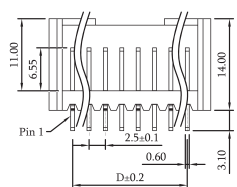
P/N.:5W2525S0-1XXT0GXL*01
 Optional



P/N.:5W2525S1-1XXT0GAL*01
 Optional

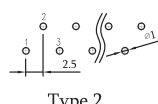


Type 2

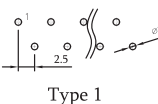


Type 1

W/O Latch: 02-20 Pin

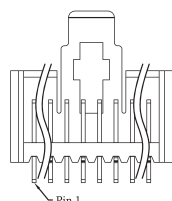
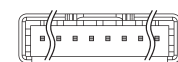
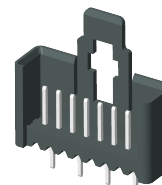
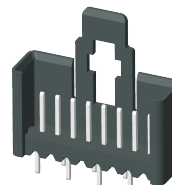


Type 2

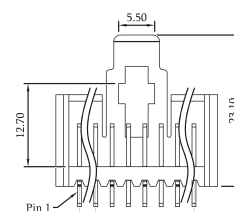


Type 1

Recommended PCB Layout
 (PCB TOLERANCE ±0.05)



Type 2



Type 1

With Latch: 04-20 Pin

P/N.:5W2525SX-1XXT0GXL*01
 Optional

2:W/O Latch Type 1 3:W/O Latch Type 2 4:With Latch Type 1 5:With Latch Type 2

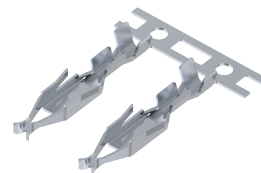
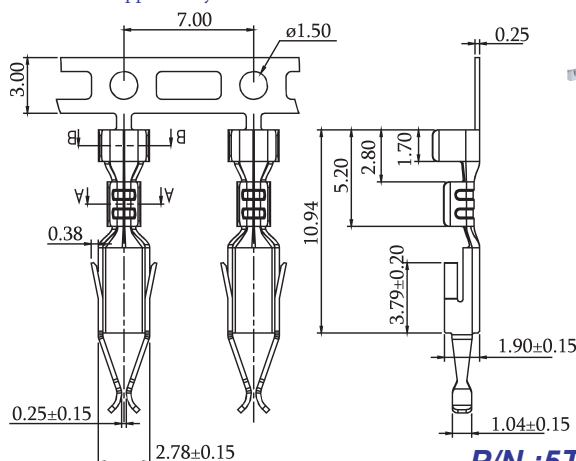
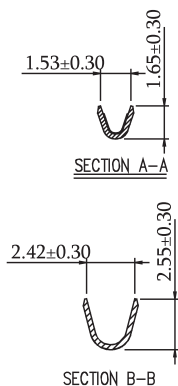
2.5mm 2525 Series Terminal / Hosuing / Wafer IDC Type

Specifications

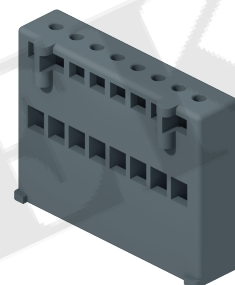
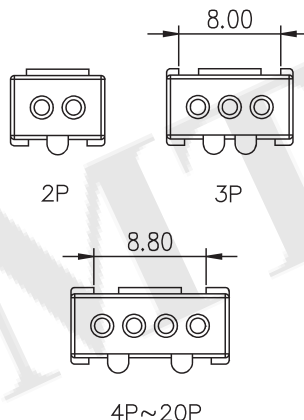
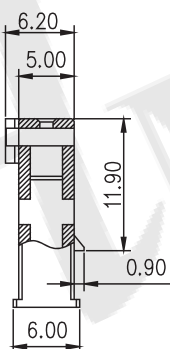
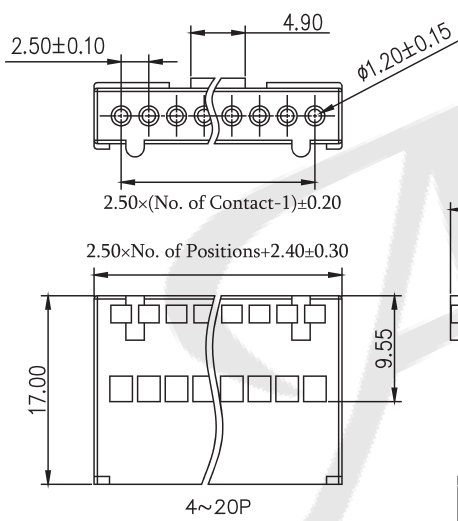
Current Rating: 5A AC, DC
Temperature Range: -40°C to +105°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

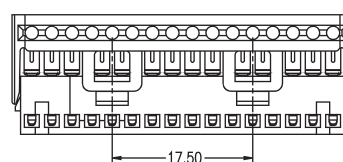
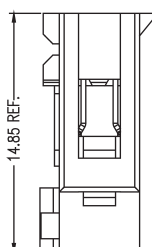
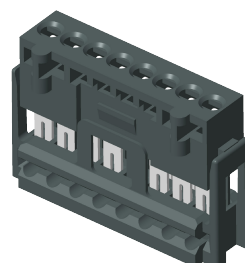
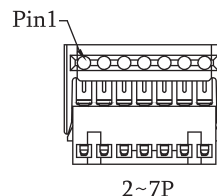
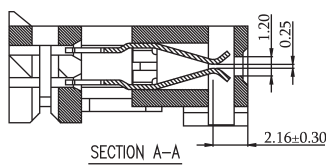
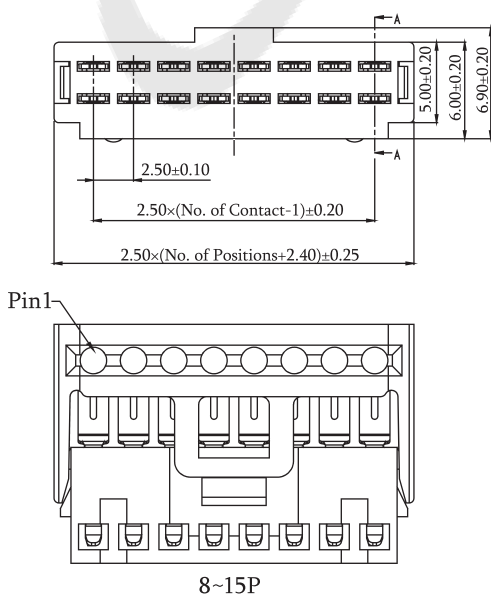
Wafer: PBT, UL 94V-0
Terminal: Copper Alloy / Tin Plated



P/N.:5T2525N-PT0R*01
Optional



P/N.:5H2525N0-1XXGBL00*01
Optional



16~20P
P/N.:5W2525I0-1XXT0GAL*01
Optional

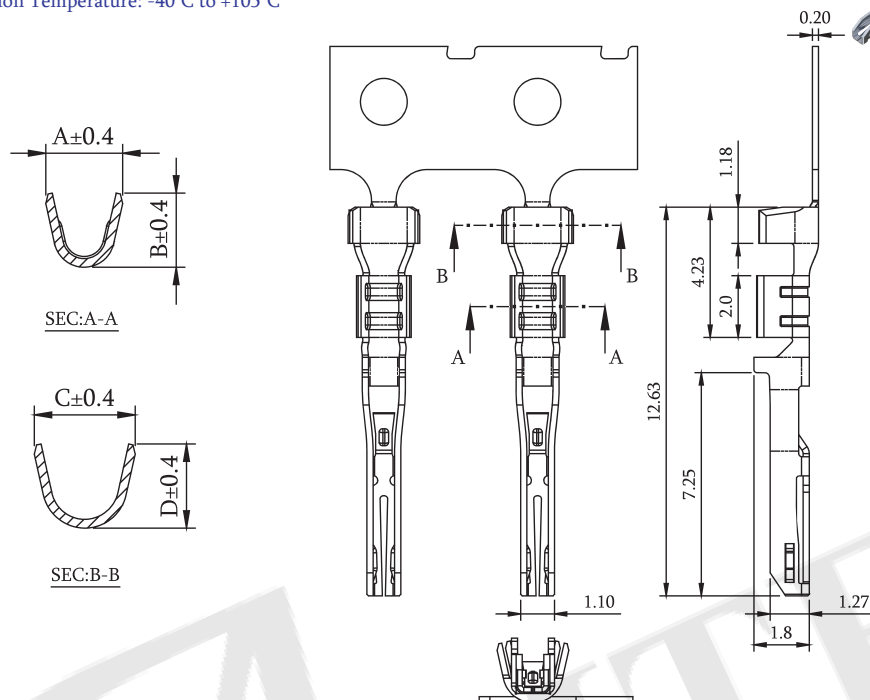
2.5mm 2527 Series Female Terminal / Housing

Specifications

Current Rating: 4A AC, DC
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

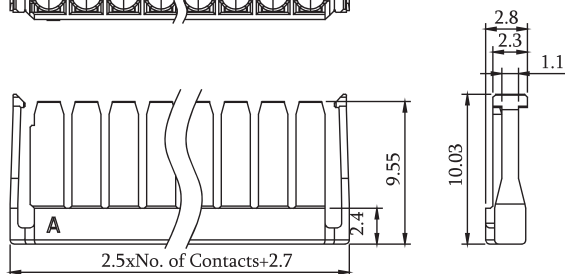
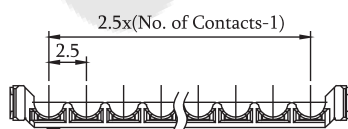
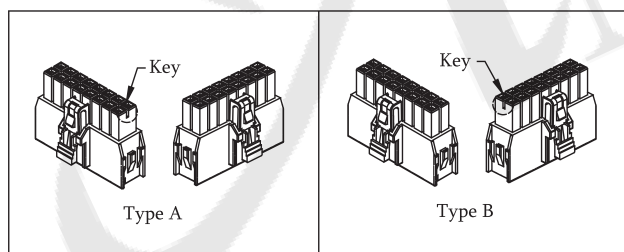
Housing: Nylon 4T + 30% G.F.



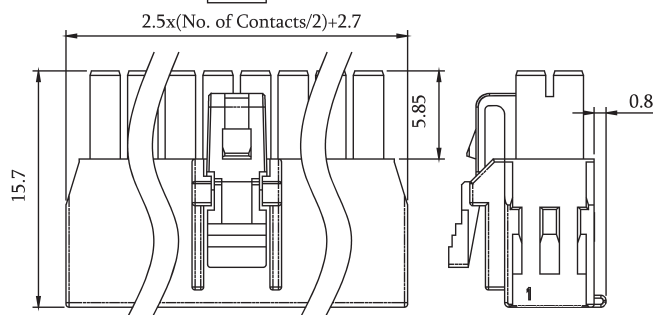
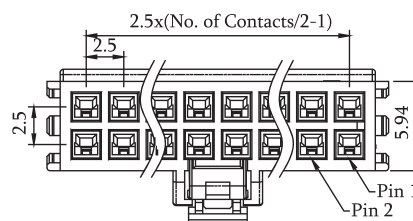
Part No.	Wire Range	Insulation O.D.	Material	A	B	C	D
5T2527F-ZTORI01	#24-#26	Ø1-1.5mm	High Conductivity	1.39	1.45	2.12	2.0
5T2527F-ZTORI02	#20-#22	±0.1mm	Copper Alloy	1.78	1.71	2.33	1.94

P/N.:5T2527F-ZTOR*XX

Optional
See Table



Retainer



Part No.	Type	Color	Retainer
5H2527N0-2XXBBU00I01	A	Black	With
5H2527N0-2XXBBU00I02	A	Black	W/O
5H2527N0-2XXWBU00I03	B	Natural	With
5H2527N0-2XXWBU00I04	B	Natural	W/O

P/N.:5H2527N0-2XXXBU00*XX

B:Black W:Natural
Optional
See Table

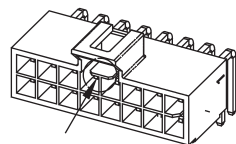
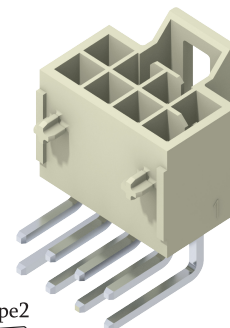
2.5mm 2527 Series Wafer Right Angle / Straight Type

Specifications

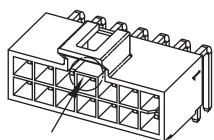
Current Rating: 4A AC, DC
Contact Resistance: 10mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

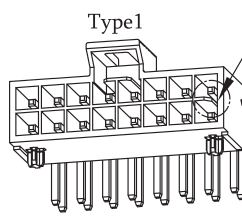
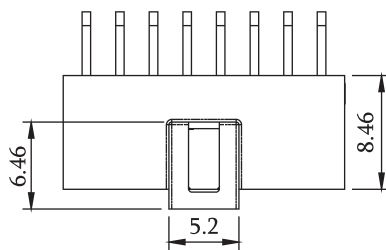
Wafer: LCP
Terminal: Brass / Tin Plated



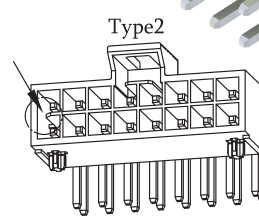
2x2, 2x4, 2x6, 2x8 Pin



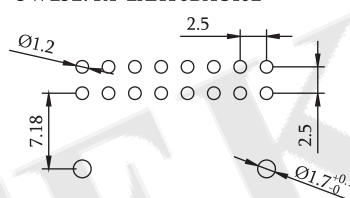
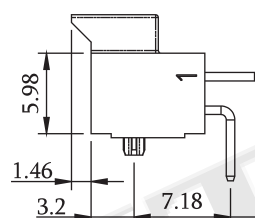
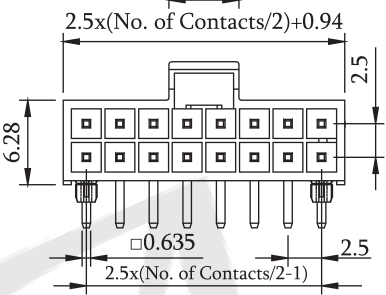
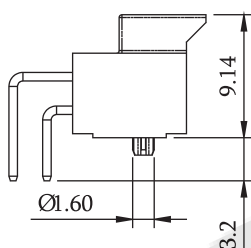
2x3, 2x5, 2x7 Pin



5W2527R1-2XXT0BXUI01



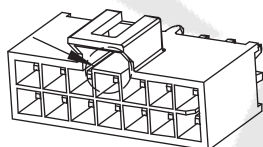
5W2527R1-2XXT0BXUI02



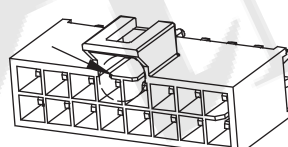
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2527R1-2XXT0XXU*XX

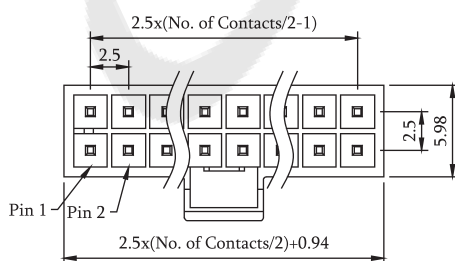
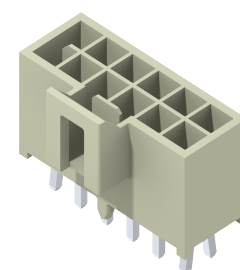
B:Black W:Natural
A:Tray B:Bag
Optional
01:Type1 02:Type2



For 6, 10, 14 Pin

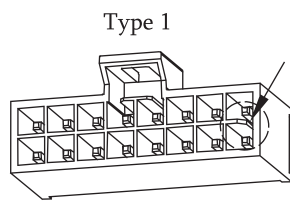


For Other Pins

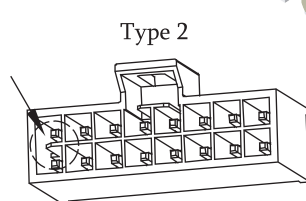


Pin 1

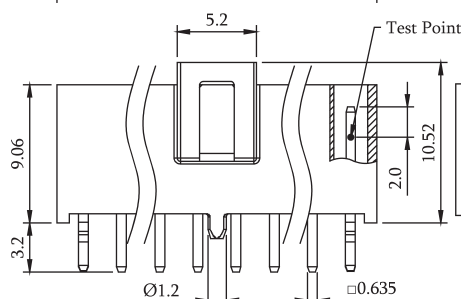
Pin 2



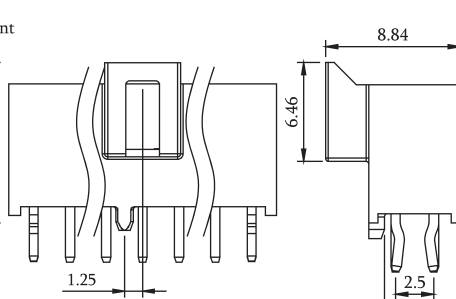
5W2527S0-2XXXXBBUI01
Color: Black



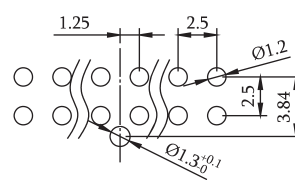
5W2527S0-2XXXXWBUI02
Color: Natural



For Other Pins



For 6, 10, 14 Pin



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W2527S0-2XXXXXBU*XX

G0:Gold Flash T0:Tin Plated
B:Black W:Natural
Optional
01:Type1 02:Type2