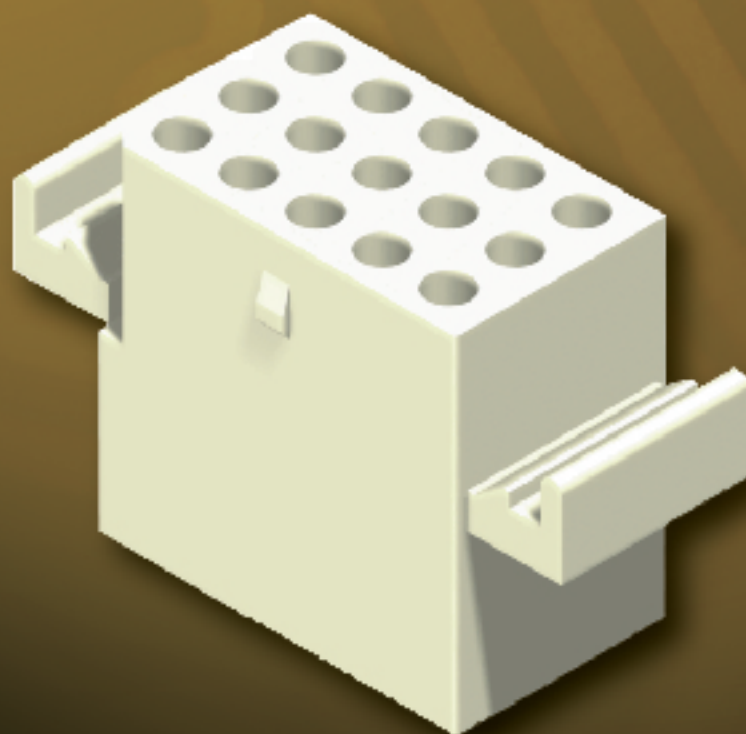


Board To Wire & Wire To Wire Connectors

- 3-99~3-106 • Housing Wafer Terminal 5.0mm
- 3-114 • Housing Wafer Terminal 5.03mm
- 3-115~3-119 • Housing Wafer Terminal 5.08mm
- 3-120 • Housing Wafer Terminal 5.7mm



AMTEK Technology Co., Ltd

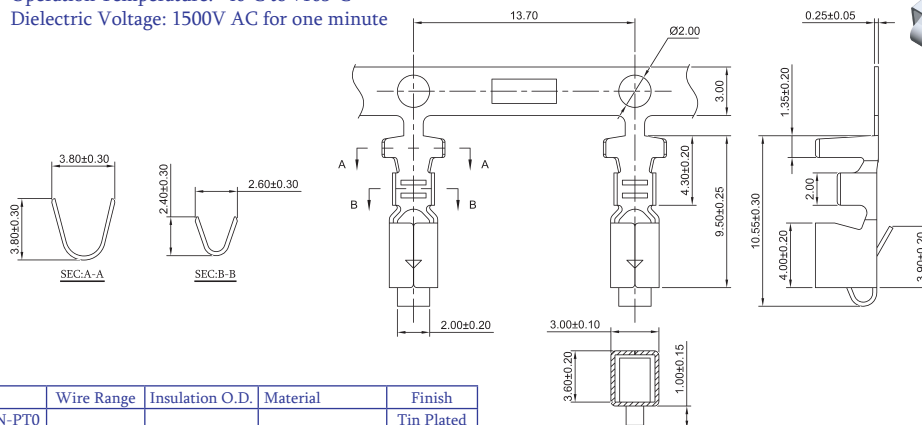
5.0mm 5000 Series Terminal / Housing / Wafer Straight Type

Specifications

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

Material

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

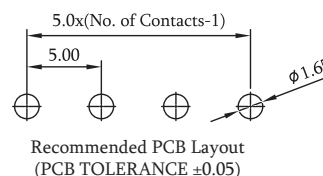
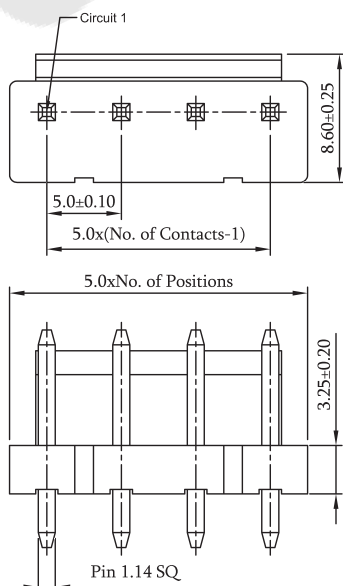


Part No.	Wire Range	Insulation O.D.	Material	Finish
5T5000N-PT0	#18-#22	3.00mm(Max)	Phosphor Bronze	Tin Plated
5T5000N-PG0				Gold Plated
5T5000N-BT0			Brass	Tin Plated
5T5000N-BG0				Gold Plated

P/N.:5T5000N-XXXXR*01
B:Brass P:Phosphor Bronze T: Tin Plated G:Gold Flash Optional

No. of Contacts	Dimensions		A±0.20	B±0.25	Pin 1
	A	B			
02	5.00	8.98	5.00±0.10	7.20±0.25	
03	10.00	14.06	7.50	13.30±0.25	
04	15.00	19.14	7.50	10.50±0.25	
05	20.00	24.22	7.50		
06	25.00	29.30	7.50		
07	30.00	34.38	7.50		
08	35.00	39.46	7.50		
09	40.00	44.54	7.50		
10	45.00	49.62	7.50		
11	50.00	54.70	7.50		
12	55.00	59.78	7.50		

P/N.:5H5000N0-1XXWBL00*01
Optional



P/N.:5W5000S0-1XXT0WBL*01
Optional

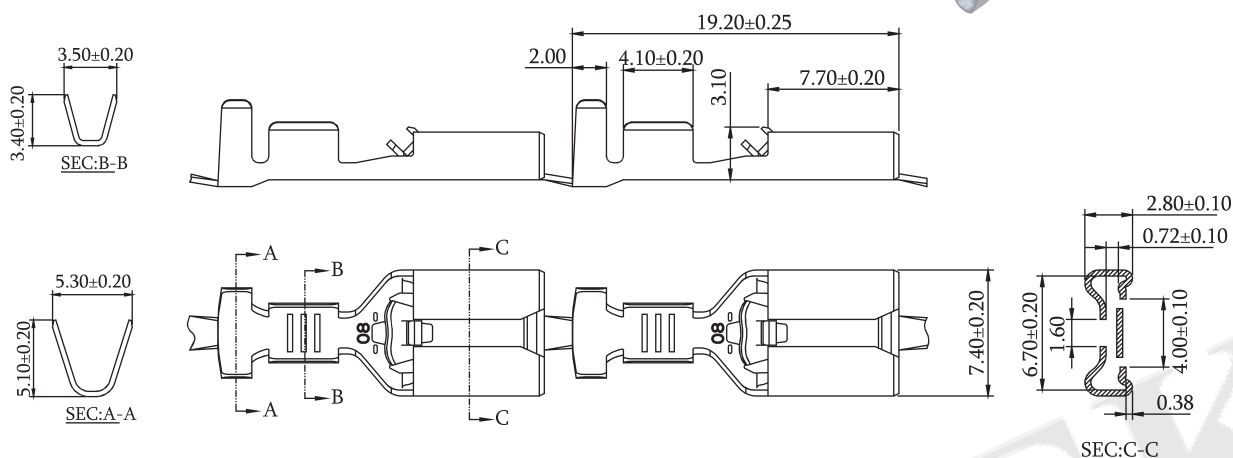
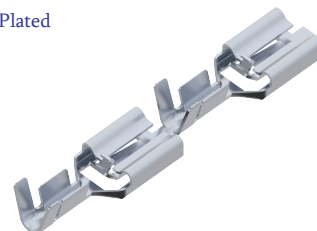
5.0mm 5002 Series Female Terminal RAST Conn.

Specifications

Current Rating: 16A AC, DC
Voltage Rating: 380V AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1800V AC for one minute
Operation Temperature: -40°C to +105°C

Material

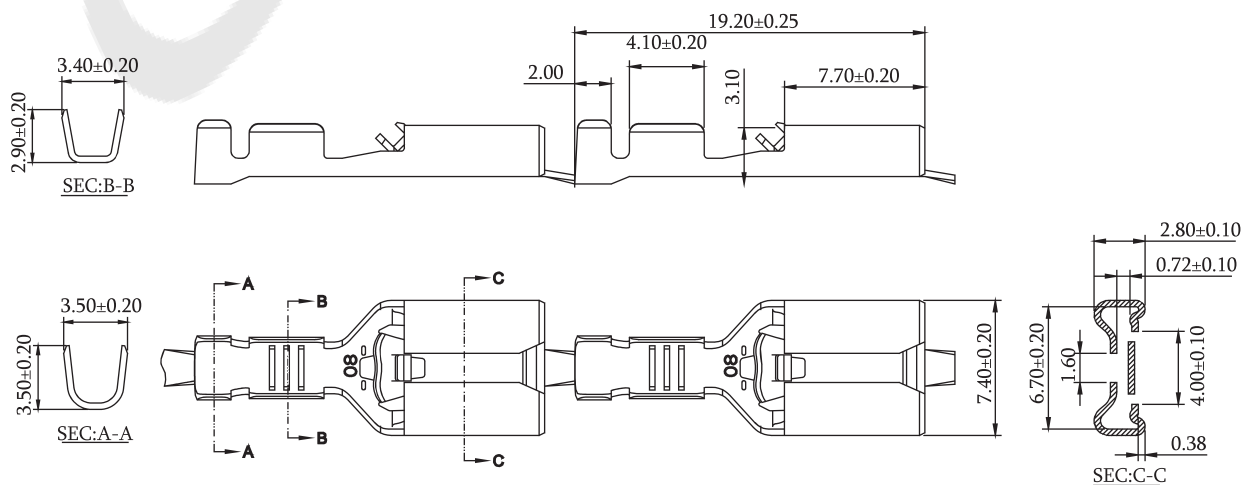
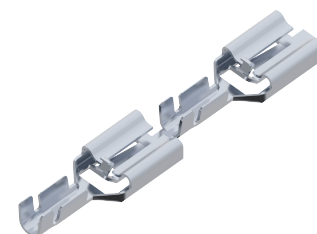
Terminal: Brass or Phosphor Bronze / Tin or Silver or No Plated



Part No.	Wire Range	Insulation O.D.	Material	Material	Plated
5T5002F-BTORG01	#14-#18	3.30mm(Max)	5H5002N0-1XXWBL00GXX	Brass	Tin Plated
5T5002F-BTORG01			5H5002N1-1XXWBL00GXX		
5T5002F-PTORG01			5H5002N0-1XXWBL00GXX	Phosphor Bronze	Tin Plated
5T5002F-PTORG01			5H5002N1-1XXWBL00GXX		
5T5002F-SNNRG01	#14-#18	3.30mm(Max)	5H5002N0-1XXWBL00GXX	Stainless	No Plated
5T5002F-SNNRG01			5H5002N1-1XXWBL00GXX		

P/N.:5T5002F-XXXX*01

See Table  Optional



Part No.	Wire Range	Insulation O.D.	Material	Material	Plated
5T5002F-BTORG02	#20-#22	1.80mm(Max)	5H5002N0-1XXWBL00GXX	Brass	Tin Plated
5T5002F-BTORG02			5H5002N1-1XXWBL00GXX		
5T5002F-PTORG02			5H5002N0-1XXWBL00GXX	Phosphor Bronze	Tin Plated
5T5002F-PTORG02			5H5002N1-1XXWBL00GXX		
5T5002F-SNNRG02	#20-#22	1.80mm(Max)	5H5002N0-1XXWBL00GXX	Stainless	No Plated
5T5002F-SNNRG02			5H5002N1-1XXWBL00GXX		

P/N.:5T5002F-XXXX*02

See Table  Optional

5.0mm 5002 Series Housing RAST Conn.

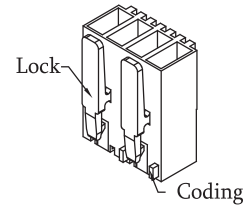
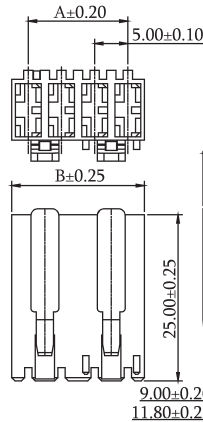
Specifications

Current Rating: 16A AC, DC
Voltage Rating: 380V AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1800V AC for one minute
Operation Temperature: -40°C to +105°C

Material

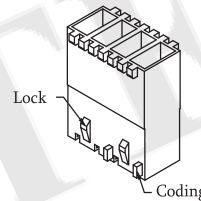
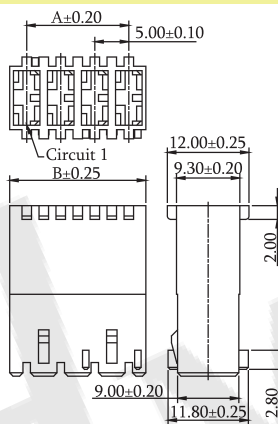
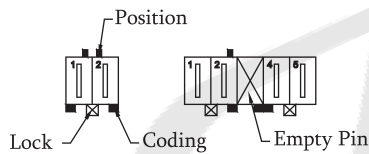
Housing: Nylon 66, UL 94V-0

No. of Contacts	Dimensions	
	A	B
02	5.00	10.00
03	10.00	15.00
04	15.00	20.00
05	20.00	25.00
06	25.00	30.00
07	30.00	35.00
08	35.00	40.00
09	40.00	45.00
10	45.00	50.00
11	50.00	55.00
12	55.00	60.00



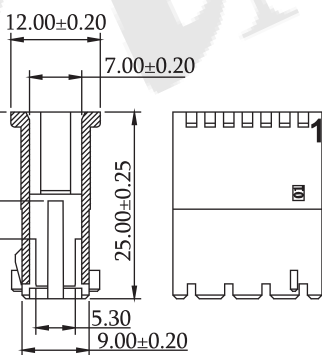
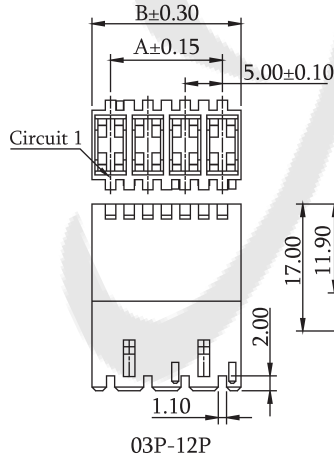
P/N.:5H5002N0-1XXWBL00*XX

Optional 
See Page(2~8)



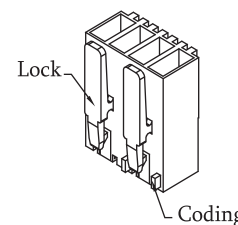
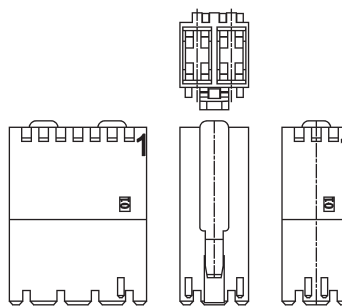
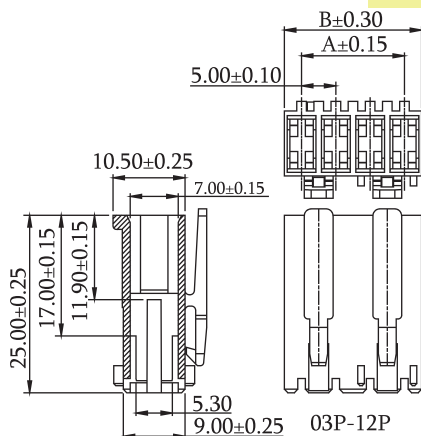
P/N.:5H5002N1-1XXWBL00*XX

Optional 
See Page(2~8)



P/N.:5H5002N2-1XXWBL00*XX

Optional 
See Page(2~8)



P/N.:5H5002N3-1XXWBL00*XX

Optional 
See Page(2~8)

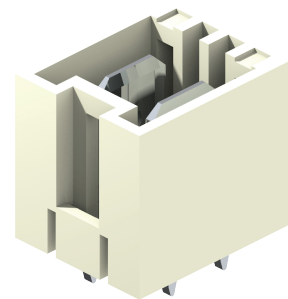
5.0mm 5002 Series Wafer Straight Type RAST Conn.

Specifications

Current Rating: 16A AC, DC
Voltage Rating: 380V AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1800V AC for one minute
Operation Temperature: -40°C to +105°C

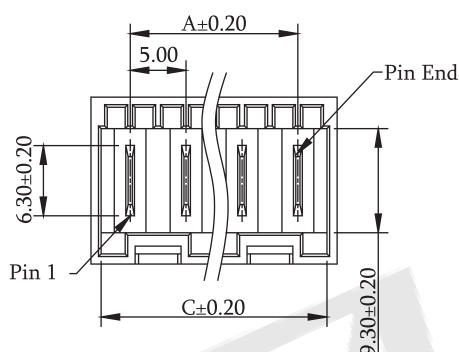
Material

Wafer: Nylon 66, UL 94V-0
Contact Pin: Brass

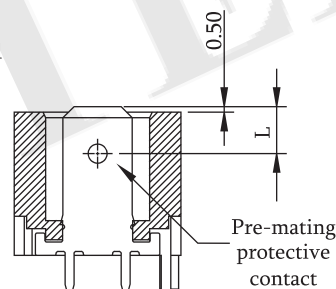
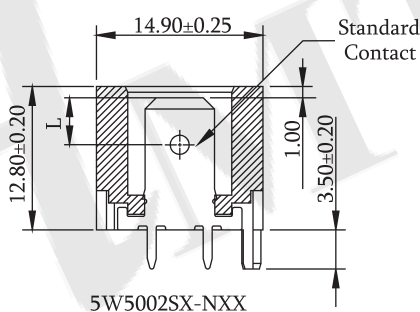
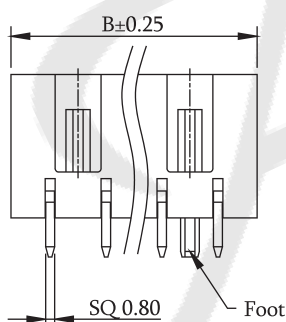


P/N.:5W5002SX-XXXXXWBL*XX

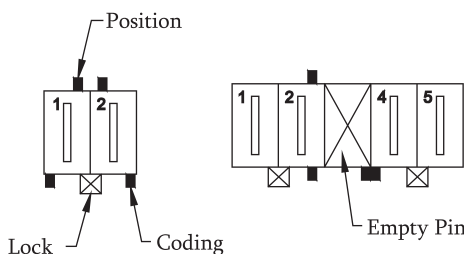
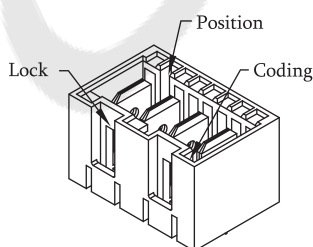
1~6: See Drawing | N: Standard S: Special | Optional
T0: Tin Plated SV: Silver | See Page(2~9)



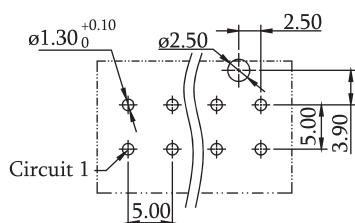
No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.00	12.00	10.20	08	35.00	42.00	40.20
03	10.00	17.00	15.20	09	40.00	47.00	45.20
04	15.00	22.00	20.20	10	45.00	52.00	50.20
05	20.00	27.00	25.20	11	50.00	57.00	55.20
06	25.00	32.00	30.20	12	55.00	62.00	60.20
07	30.00	37.00	35.20	---	---	---	---



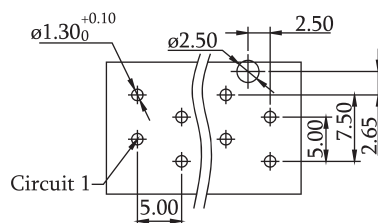
S: Pre-mating protective contact protruding 1.5mm at Pin End



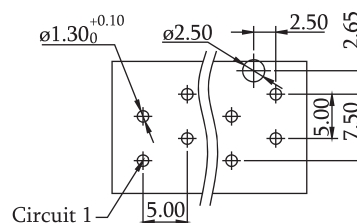
Part No.	L
5W5002S1	2.75
5W5002S2	4.20
5W5002S3	2.75
5W5002S4	4.20
5W5002S5	2.75
5W5002S6	4.20



5W5002S1-XXX
5W5002S2-XXX



5W5002S3-XXX
5W5002S4-XXX



5W5002S5-XXX
5W5002S6-XXX

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

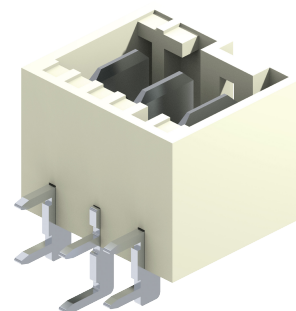
5.0mm 5002 Series Wafer Right Angle Type Standard Pin W/O Peg L=7.85 RAST Conn.

Specifications

Current Rating: 16A AC, DC
Voltage Rating: 380V AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1800V AC for one minute
Operation Temperature: -40°C to +105°C

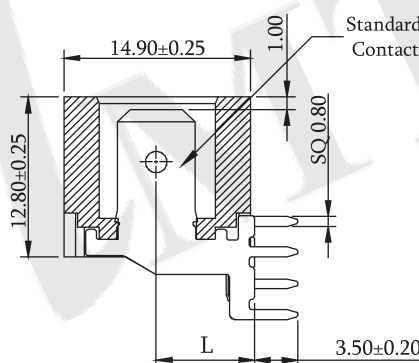
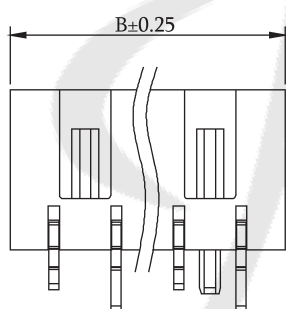
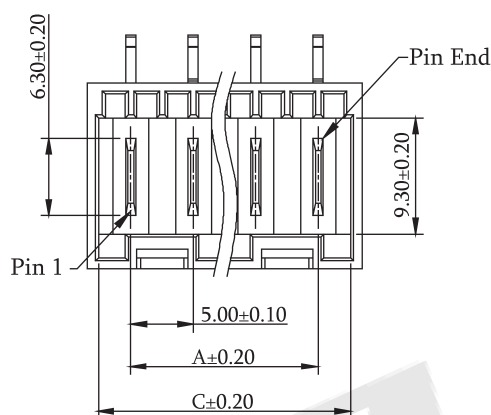
Material

Wafer: Nylon 66, UL 94V-0
Contact Pin: Brass

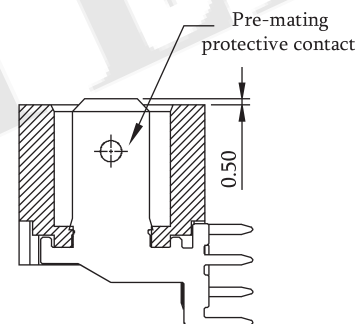


P/N.:5W5002RX-XXXXXWBL*XX

0~2:See Drawing | N:Standard S: Special | Optional
T0: Tin Plated SV: Silver | See Page(5~12)

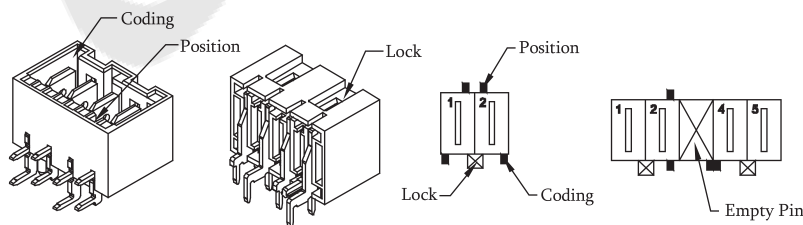


5W5002RX-NXX

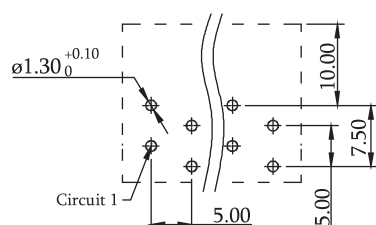


5W5002RX-SXX

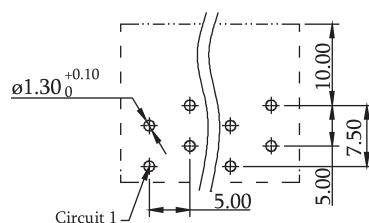
S: Pre-mating protective contact protruding 1.5mm at Pin End



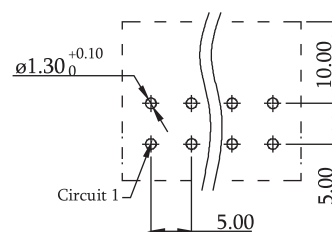
Part No.	L	Contact Pin	Peg
5W5002R0	7.85	Standard	W/O
5W5002R1	7.85	Standard	W/O
5W5002R2	7.85	Standard	W/O



5W5002R0-XXX



5W5002R1-XXX



5W5002R2-XXX

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

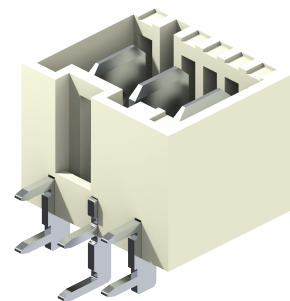
5.0mm 5002 Series Wafer Right Angle Type Reverse Pin W/O Peg L=7.85 RAST Conn.

Specifications

Current Rating: 16A AC, DC
Voltage Rating: 380V AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1800V AC for one minute
Operation Temperature: -40°C to +105°C

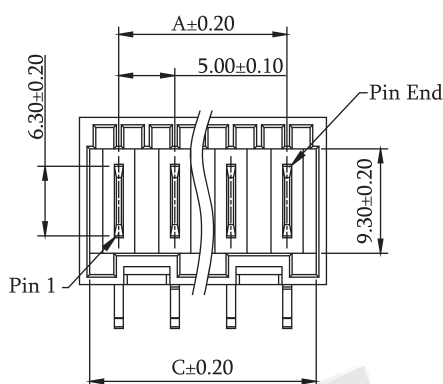
Material

Wafer: Nylon 66, UL 94V-0
Contact Pin: Brass

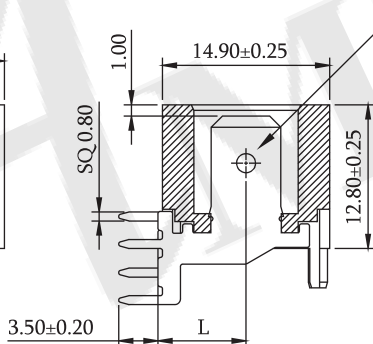
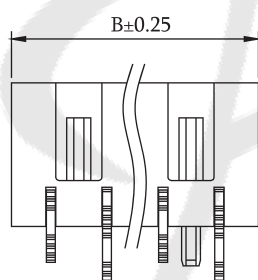


P/N.:5W5002RX-XXXXXWBL*XX

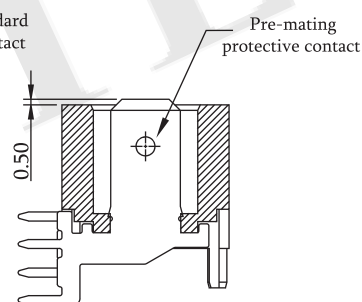
3~5:See Drawing | N:Standard S: Special | Optional
T0:Tin Plated SV:Silver | See Page(5~12)



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.00	12.00	10.20	08	35.00	42.00	40.20
03	10.00	17.00	15.20	09	40.00	47.00	45.20
04	15.00	22.00	20.20	10	45.00	52.00	50.20
05	20.00	27.00	25.20	11	50.00	57.00	55.20
05	25.00	32.00	30.20	12	55.00	62.00	60.20
07	30.00	37.00	35.20	---	---	---	---

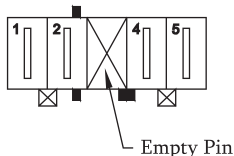
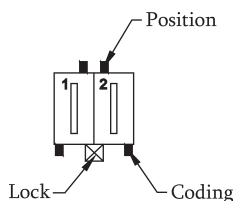
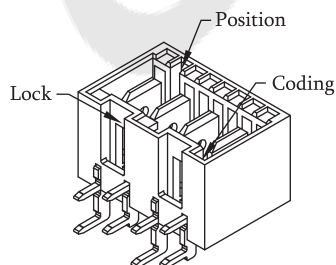


5W5002RX-NXX

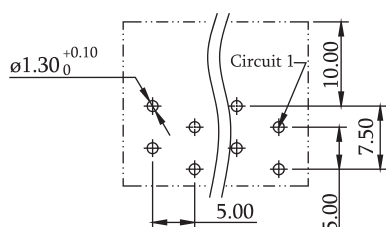


5W5002RX-SXX

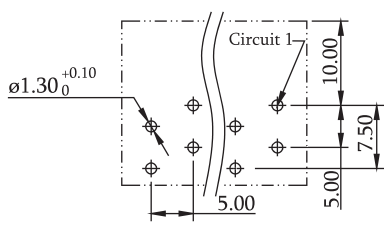
S:Pre-mating protective contact protruding 1.5mm at Pin End



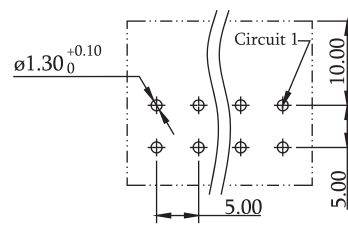
Part No.	L	Contact Pin	Peg
5W5002R3	7.85	Standard	W/O
5W5002R4	7.85	Standard	W/O
5W5002R5	7.85	Standard	W/O



5W5002R3-XXX



5W5002R4-XXX



5W5002R5-XXX

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

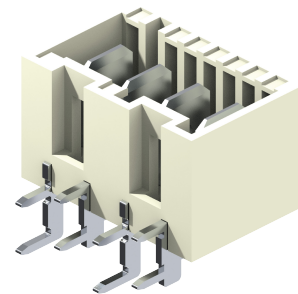
5.0mm 5002 Series Wafer Right Angle Type Reverse Pin W/O Peg L=9.05 RAST Conn.

Specifications

Current Rating: 16A AC, DC
Voltage Rating: 380V AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1800V AC for one minute
Operation Temperature: -40°C to +105°C

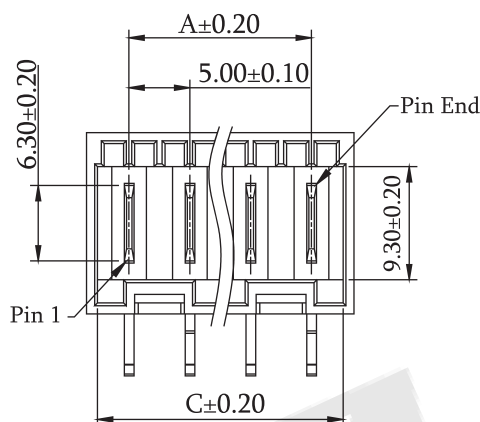
Material

Wafer: Nylon 66, UL 94V-0
Terminal: Brass

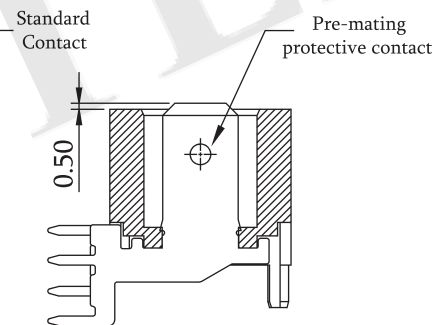
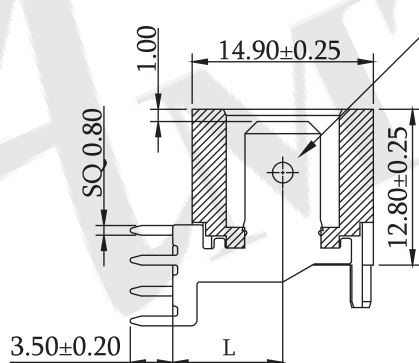
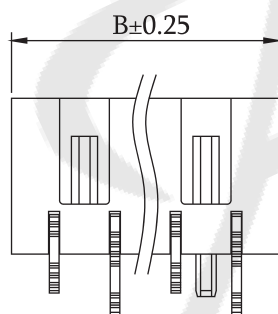


P/N.:5W5002RX-XXXXXWBL*XX

6~8:See Drawing | N:Standard S: Special | Optional
T0:Tin Plated SV:Silver | See Page(5~12)



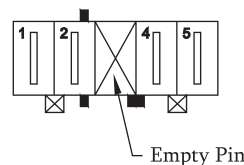
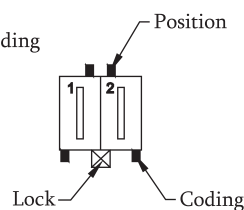
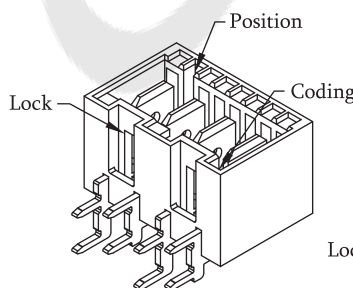
No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.00	12.00	10.20	08	35.00	42.00	40.20
03	10.00	17.00	15.20	09	40.00	47.00	45.20
04	15.00	22.00	20.20	10	45.00	52.00	50.20
05	20.00	27.00	25.20	11	50.00	57.00	55.20
06	25.00	32.00	30.20	12	55.00	62.00	60.20
07	30.00	37.00	35.20	---	---	---	---



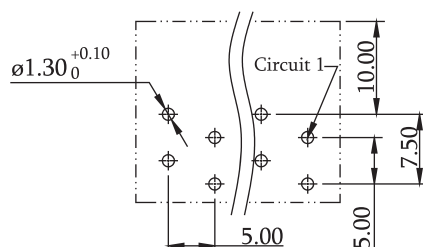
5W5002RX-NXX

5W5002RX-SXX

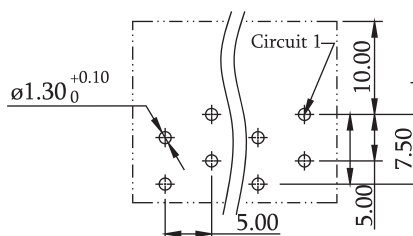
S:Pre-mating protective contact protruding 1.5mm at Pin End



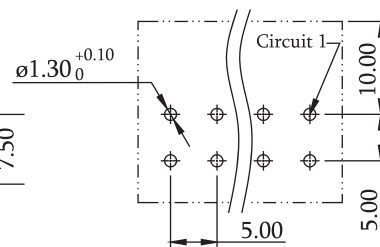
Part No.	L	Contact Pin	Peg
5W5002R6	9.05	Reverse	W/O
5W5002R7	9.05	Reverse	W/O
5W5002R8	9.05	Reverse	W/O



5W5002R6-XXX



5W5002R7-XXX



5W5002R8-XXX

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

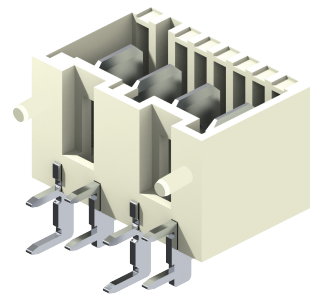
5.0mm 5002 Series Wafer Right Angle Type Reverse Pin With Peg L=9.05 RAST Conn.

Specifications

Current Rating: 16A AC, DC
Voltage Rating: 380V AC, DC
Contact Resistance: 20mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Voltage: 1800V AC for one minute
Operation Temperature: -40°C to +105°C

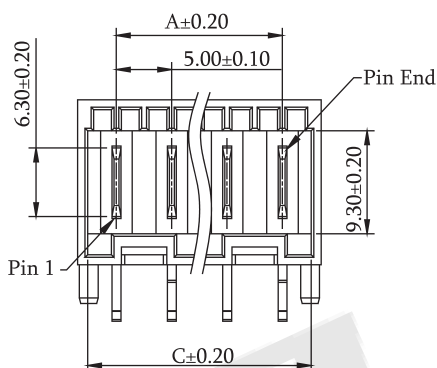
Material

Wafer: Nylon 66, UL 94V-2
Contact Pin: Brass

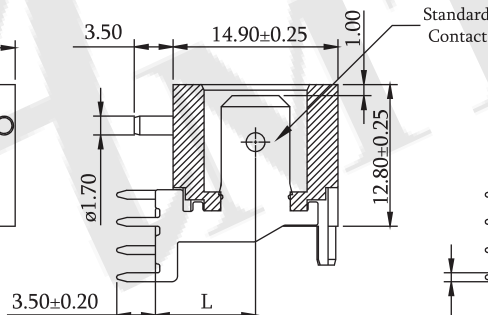
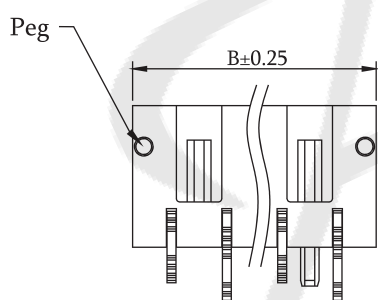


P/N.:5W5002RX-XXXXXWBL*XX

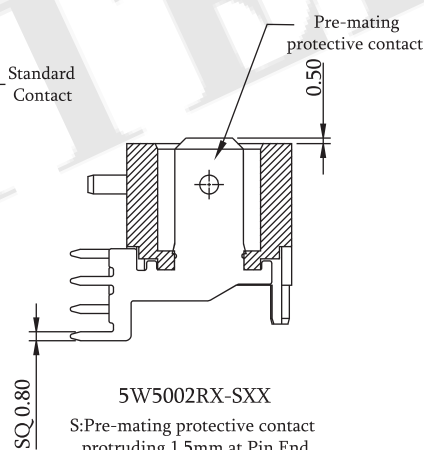
9~B:See Drawing | N:Standard S: Special | Optional
T0:Tin Plated SV:Silver | See Page(5~12)



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.00	12.00	10.20	08	35.00	42.00	40.20
03	10.00	17.00	15.20	09	40.00	47.00	45.20
04	15.00	22.00	20.20	10	45.00	52.00	50.20
05	20.00	27.00	25.20	11	50.00	57.00	55.20
06	25.00	32.00	30.20	12	55.00	62.00	60.20
07	30.00	37.00	35.20	---	---	---	---

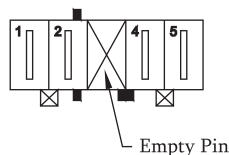
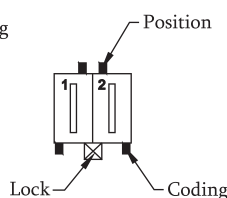
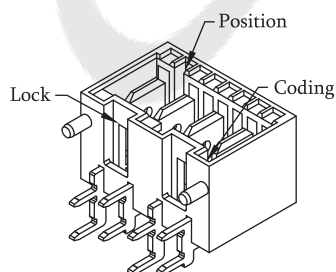


5W5002RX-NXX

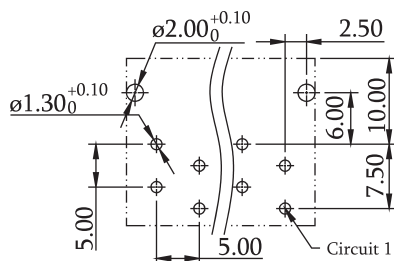


5W5002RX-SXX

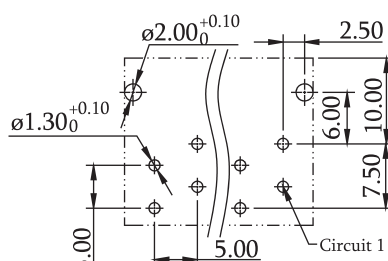
S:Pre-mating protective contact protruding 1.5mm at Pin End



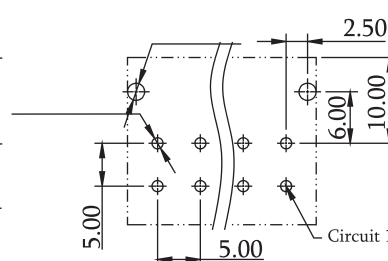
Part No.	L	Contact Pin	Peg
5W5002R9	9.05	Reverse	With
5W5002RA	9.05	Reverse	With
5W5002RB	9.05	Reverse	With



5W5002R9-XXX



5W5002RA-XXX



5W5002RB-XXX

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Table

Type	0A	0B	0C	0E	0F	0G	0H	0I	0J	0K
2 Pin										
	0L	0M	0N	0P	0Q	0R	0S	0T	0U	0X
	78	80	86	1A	1B	1C	1D			

Type	0A	0B	0C	0D	0E	0F	0G	0H
3 Pin								
	0I	0K	0L	0M	0N	0Q	0W	01
	02	03	04	05	08	10	11	12
	13	1A	1B	1C	1D	1E	1F	2N
	2P	32	33	38	39	40	44	53
	65	67	80	81	98	99		

Type	0A	0B	0C	0D	0E	0F
4 Pin						
	0G	0H	0I	0J	0K	0L

Table

Type	0M	0N	0W	01	02	03
4 Pin						
	04	05	06	12	17	19
	29	30	32	37	43	44
	61	63	65	79	80	81
	82	84	86	87	GA(Green)	PA
	PB					

Type	0A	0B	0C	0D	0E
5 Pin					
	0F	0G	0L	01	02
	03	04	05	06	07
	08	09	11	12	13
	14	17	18	20	21
	22	23	24	25	26

Table

Type	27	28	29	30	31
5 Pin					
	32	33	34	35	36
	37	38	39	43	44
	45	48	49	50	51
	52	53	64	69	73
	77	80	81	82	83
	84	85	86	87	88
	89	95	PB		

Type	0A	0B	0C	0D
6 Pin				
	0E	0F	01	04
	06	14	15	21
	29	30	35	36

Table

Type	37	39	42	43
6 Pin				
	44	46	50	51
	58	59	62	66
	71	73	80	81
	82	K6	K7	Z1(Only For R/A & V/T Type)
Type	0A	0B	1B	0C
7 Pin				
	0E	03	04	14
	19	22	23	27
	30	31	32	34
	35	38	40	41
	42	43	45	48
	49	51	59	69

CONNECTORS MANUFACTURER

Table

Type	76	80	81	83
7 Pin				
	P6	1A	2B	

Type	0A	0B	0C	0D
8 Pin				
	0E	0F	08	10
	16	21	30	32
	33	38	41	42
	44	45	46	48
	49	57	58	60
	62	63	64	77
	80	81		

Type	0A	01	02
10 Pin			
	30	33	35
	36	38	41
	42	43	44

Housing Wafer Terminal

ROHS

Table

Type	45	46	48
10 Pin			
	49	50	51
	52	53	54
	56	64	70
11 Pin	71	72	74
	75	76	78
	80	Z1(Only For R/A & V/T Type)	Z2(Only For R/A & V/T Type)
Type	0A	0B	0C
11 Pin			
	01	12	13
	28	30	31
	32	33	34
	35	36	37
	38	39	40
12 Pin	42	43	44

Table

Type	45	46	47
11 Pin			
	55	60	64
	80		

Type	27	29
12 Pin		
	30	34
	42	44
	46	47
	48	49
	50	59
	60	61
	62	65
	76	80
	81	Z1(Only For R/A & V/T Type)
	Z2(Only For R/A & V/T Type)	

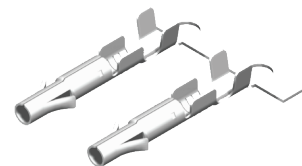
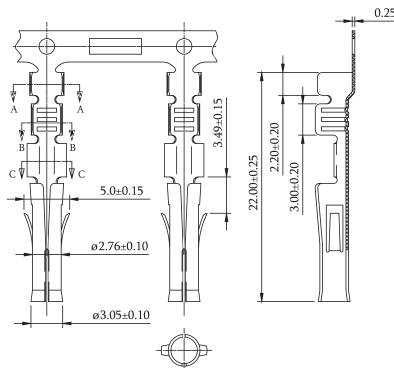
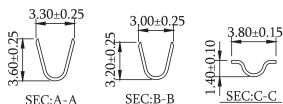
5.03mm 5030 Series Female & Male Terminal / Female & Male Housing

Specifications

Current Rating: 7A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute
Material: Nylon 66, UL 94V-2

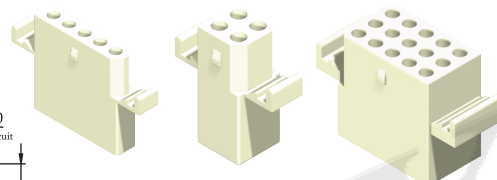
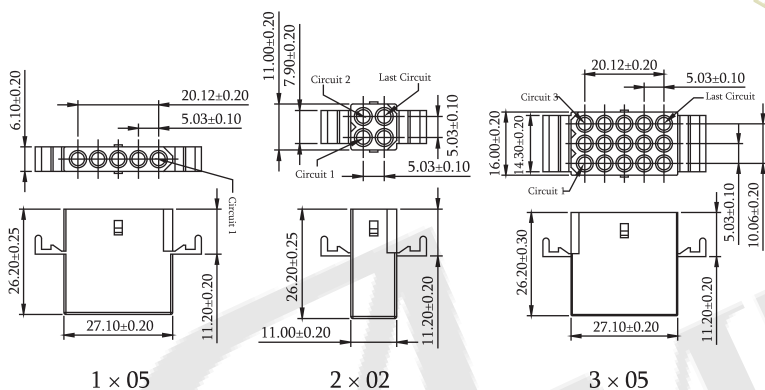
Material

Housing: Nylon 66, UL 94V-2



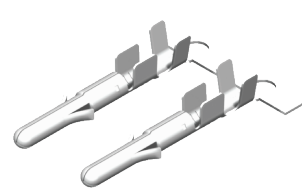
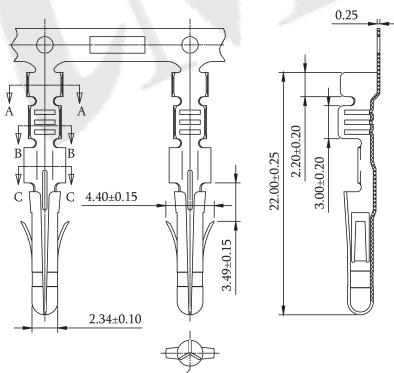
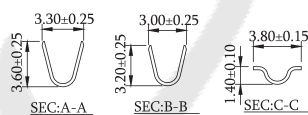
Wire Range	Insulation O.D.	Material	Finish
#18-#24	3.10mm(Max)	Brass	Tin Plated

P/N.:5T5030F-BT0R*01
Optional



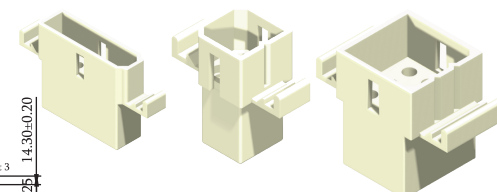
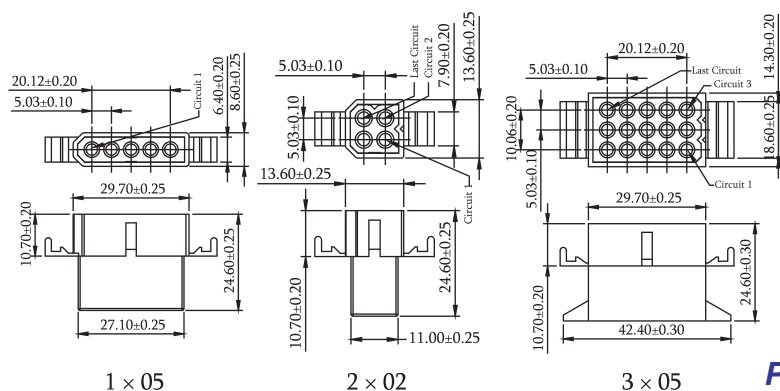
Part No.	No. of Contacts
5H5030FX-101	1x1
5H5030FX-102	1x2
5H5030FX-103	1x3
5H5030FX-104	1x4
5H5030FX-105	1x5
5H5030FX-202	2x2
5H5030FX-302	3x2
5H5030FX-303	3x3
5H5030FX-304	3x4
5H5030FX-305	3x5

P/N.:5H5030FX-XXXWBL00*01
0:W/O Ear 1:With Ear
1:1 Row 2:2 Rows 3:3 Rows
Optional



Wire Range	Insulation O.D.	Material	Finish
#18-#24	3.10mm(Max)	Brass	Tin Plated

P/N.:5T5030M-BT0R*01
Optional



Part No.	No. of Contacts
5H5030MX-101	1x1
5H5030MX-102	1x2
5H5030MX-103	1x3
5H5030MX-104	1x4
5H5030MX-105	1x5
5H5030MX-202	2x2
5H5030MX-302	3x2
5H5030MX-303	3x3
5H5030MX-304	3x4
5H5030MX-305	3x5

P/N.:5H5030MX-XXXWBL00*01
0:W/O Ear 1:With Ear
1:1 Row 2:2 Rows 3:3 Rows
Optional

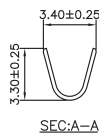
5.08mm 5082 Series Female & Male Terminal / Female & Male Housing

Specifications

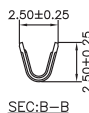
Current Rating: 7A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

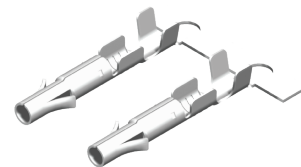
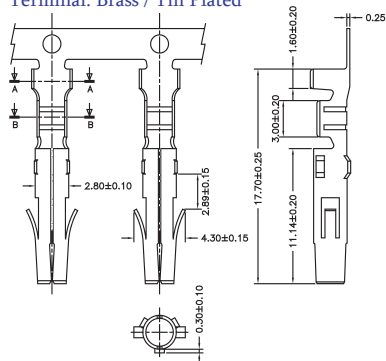
Housing: Nylon 66, UL 94V-2
Terminal: Brass / Tin Plated



SEC:A-A

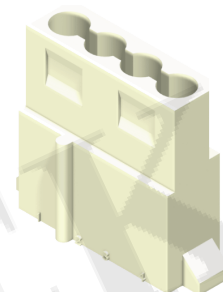
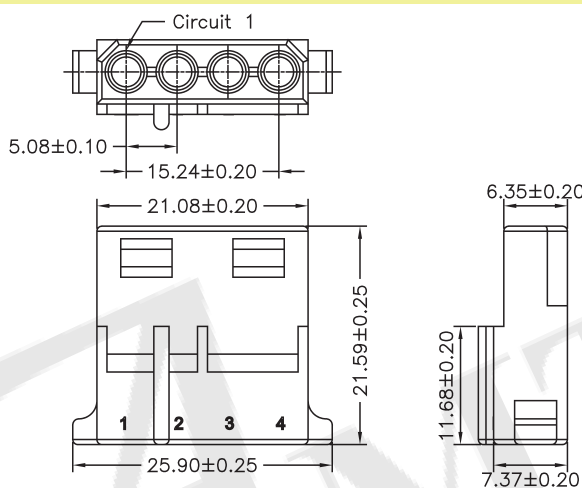


SEC:B-B

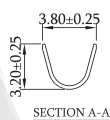


Wire Range	Insulation O.D.	Material	Finish
#18-#24	2.50mm(Max)	Brass	Tin Plated

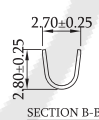
P/N.:5T5082F-BT0R*01
Optional



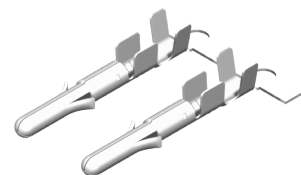
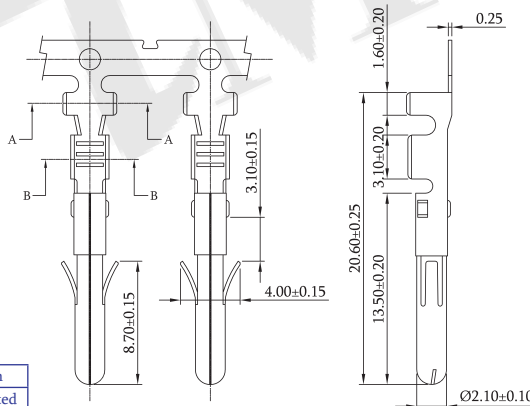
P/N.:5H5082F0-104WBL00*01
Optional



SECTION A-A

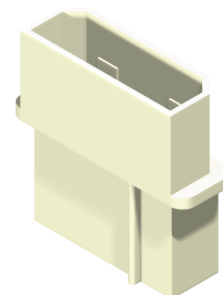
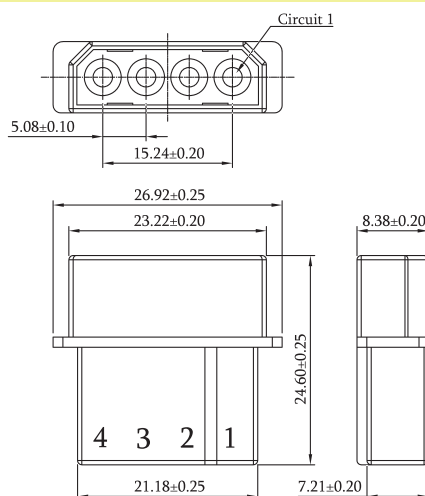


SECTION B-B



P/N.:5T5082M-BT0R*01
Optional

Wire Range	Insulation O.D.	Material	Finish
#18-#24	2.50mm(Max)	Brass	Tin Plated



P/N.:5H5082M0-104WBL00*01
Optional

Housing Wafer Terminal

ROHS

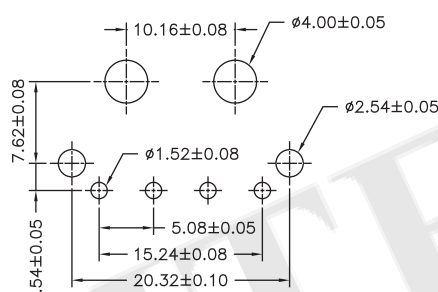
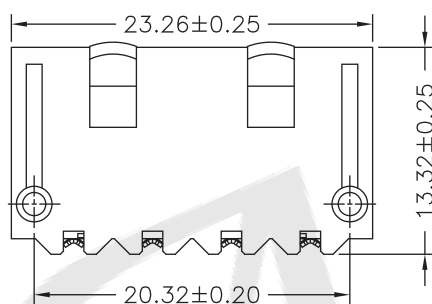
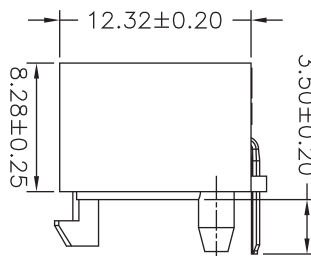
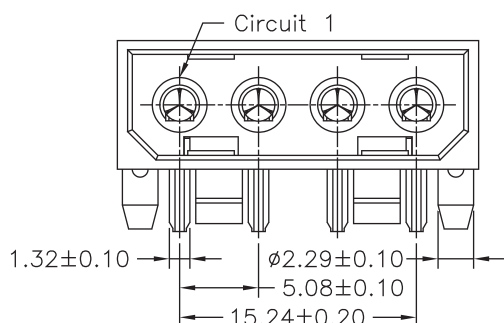
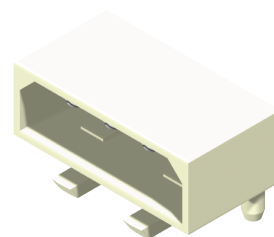
5.08mm 5082 Series Wafer Right Angle / Straight Type

Specifications

Current Rating: 10A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

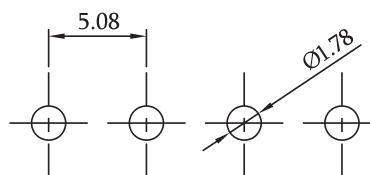
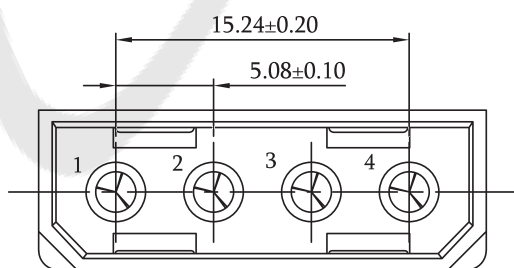
Wafer: Nylon 66, UL 94V-2
Terminal: Brass / Tin Plated



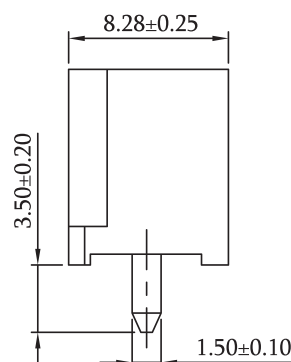
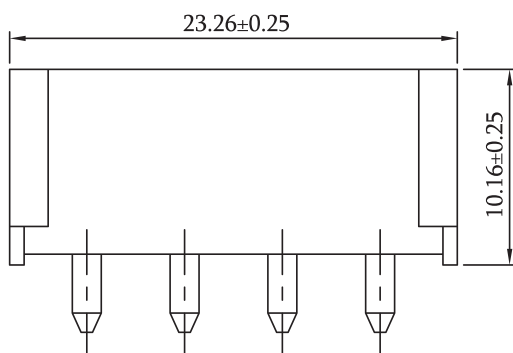
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W5082R0-104T0WAL*01

Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5W5082S0-104T0WAL*01

Optional

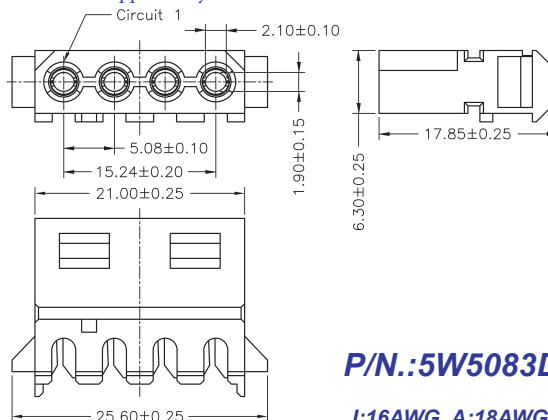
5.08mm 5083 Series Housing IDC Type & Cover

Specifications

Current Rating: 7A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V

Material

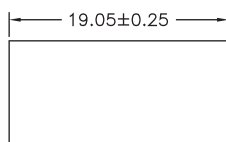
Housing: Nylon 66, UL 94V-2
Terminal: Copper Alloy / Tin Plated



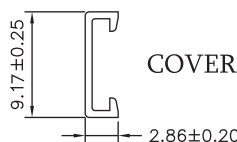
P/N.:5W5083DX-104T0WBL*01

J:16AWG A:18AWG B:20AWG C:22AWG

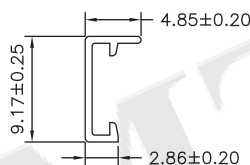
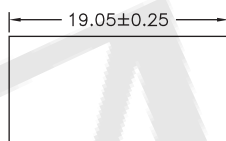
5H5083D0-104WBLA01
(Through Type)



COVER



5H5083D0-104WBLA02
(End Type)



P/N.:5H5083D0-104WBL*0X

1:1 Type 2:2 Type

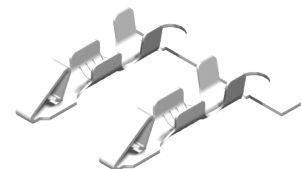
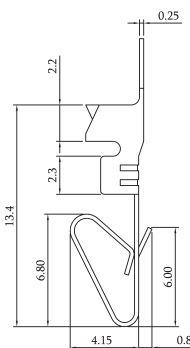
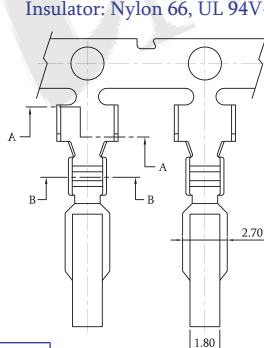
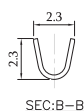
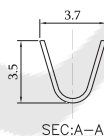
5.08mm 5083 Series Terminal / Male Housing

Specifications

Current Rating: 7A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

Insulator: Nylon 66, UL 94V-2

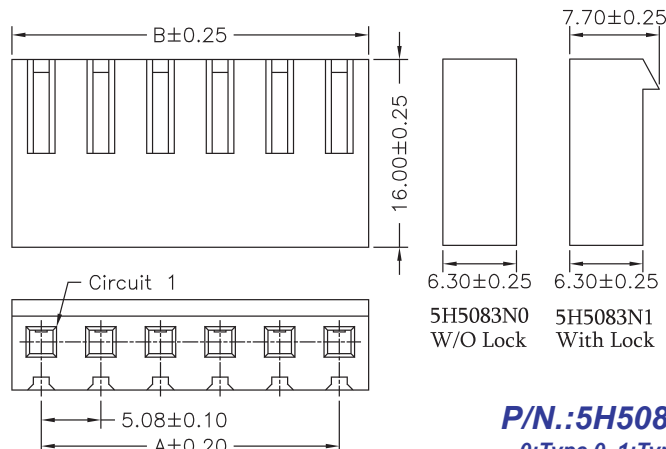


Wire Range	Insulation O.D.	Material	Finish
#18-#24	2.80mm(Max)	Brass	Tin Plated

P/N.:5T5083N-BT0R*01

Optional

No. of Contacts	Dimensions	
	A	B
02	5.08	10.08
03	10.16	15.16
04	15.24	20.24
05	20.32	25.32
06	25.40	30.40
07	30.48	35.48
08	35.56	40.56
09	40.64	45.64
10	45.72	50.72
11	50.80	55.80
12	55.88	60.88
13	60.96	65.96
14	66.04	71.04
15	71.12	76.12
16	76.20	81.20
17	81.28	86.28
18	86.36	91.36
19	91.44	96.44
20	96.52	101.52



5H5083N0
W/O Lock

5H5083N1
With Lock

P/N.:5H5083NX-1XXWBL00*01

0:Type 0 1:Type 1

Optional

5.08mm 5083 Series Wafer Right Angle & Straight Type & W/O Ramp Right Angle & Straight Type

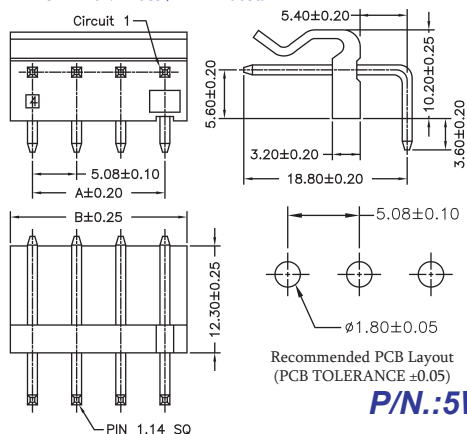
Specifications

Current Rating: 7A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -20°C to +85°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

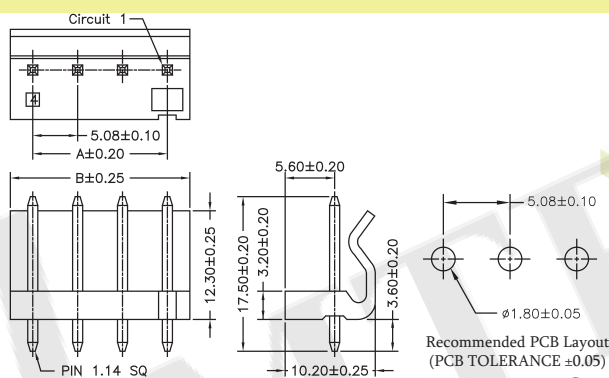
Material

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

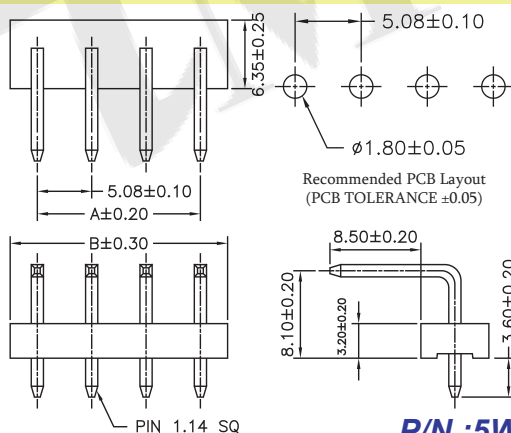
No. of Contacts	Dimensions	
	A	B
02	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72
10	45.72	50.80
11	50.80	55.88
12	55.88	60.96
13	60.96	66.04
14	66.04	71.12
15	71.12	76.20
16	76.20	81.28
17	81.28	86.36
18	86.36	91.44
19	91.44	96.52
20	96.52	101.60



P/N.:5W5083R0-1XXT0WBL*01
Optional

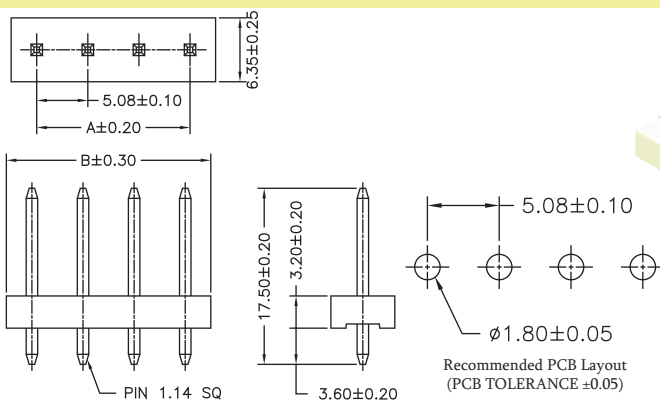


P/N.:5W5083S0-1XXT0WBL*01
Optional



P/N.:5W5083R1-1XXT0WBL*01
Optional

No. of Contacts	Dimensions	
	A	B
02	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72



P/N.:5W5083S1-1XXT0WBL*01
Optional

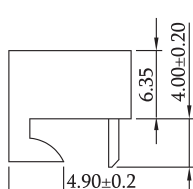
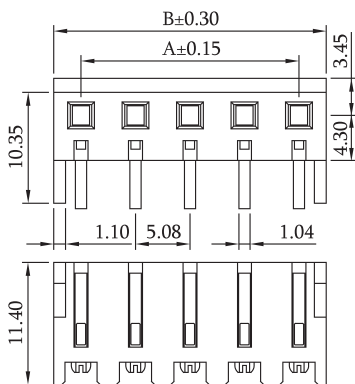
5.08mm 5084 Series Wafer Right Angle & Straight Type

Specifications

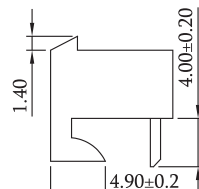
Current Rating: 7A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -40°C to +105°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute

Material

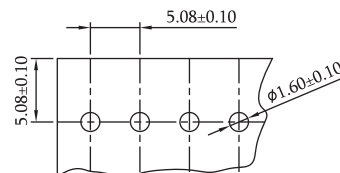
Wafer: Nylon 66, UL 94V-2
Terminal: Brass / Tin Plated



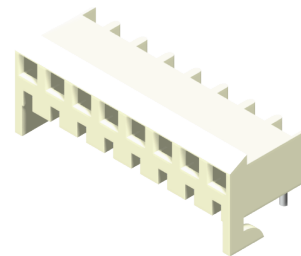
5W5084R0-1



5W5084R1-1



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

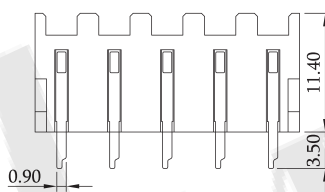


P/N.:5W5084RX-1XXT0WAL*01

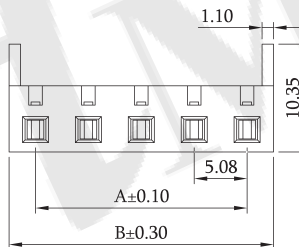
0:W/O Lock 1:With Lock

Optional

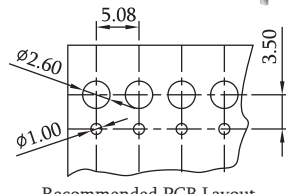
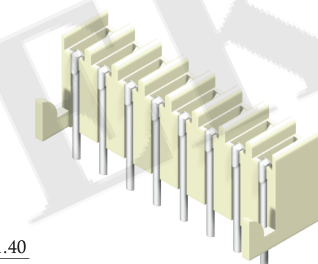
No. of Contacts	Dimensions	
	A	B
02	5.08	10.16
03	10.16	15.24
04	15.24	20.32
05	20.32	25.40
06	25.40	30.48
07	30.48	35.56
08	35.56	40.64
09	40.64	45.72
10	45.72	50.80
11	50.80	55.88
12	55.88	60.96
13	60.96	66.04
14	66.04	71.12
15	71.12	76.20
16	76.20	81.28
17	81.28	86.36
18	86.36	91.44
19	91.44	96.52
20	96.52	101.60



5W5084S0-1



5W5084S1-1

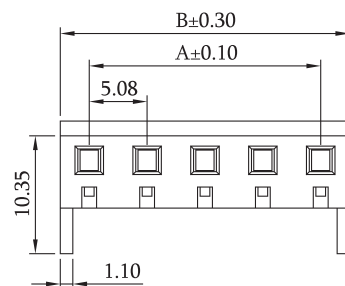


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

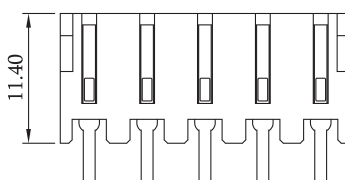
P/N.:5W5084SX-1XXT0WAL*01

0:W/O Lock 1:With Lock

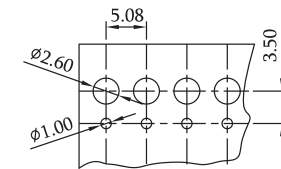
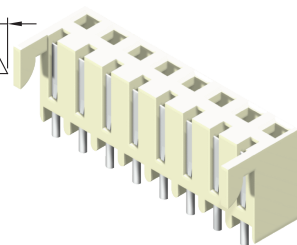
Optional



5W5084S2-1



5W5084S3-1



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W5084SX-1XXT0WAL*01

2:With Lock 3:W/O Lock

Optional

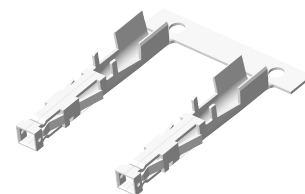
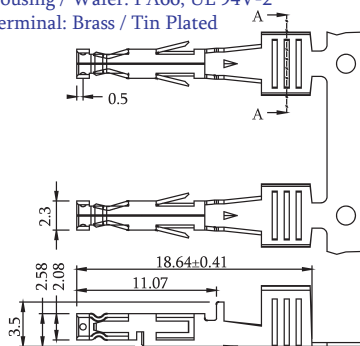
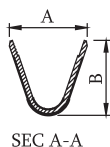
5.7mm 5700 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 12A AC, DC
Voltage Rating: 600V AC, DC
Temperature Range: -40°C to +105°C
Contact Resistance: 10mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 2200V AC/minute

Material

Housing / Wafer: PA66, UL 94V-2
Terminal: Brass / Tin Plated

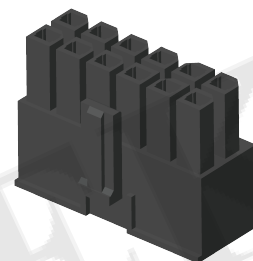
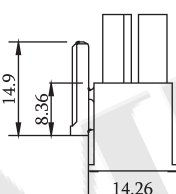
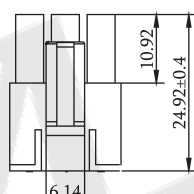
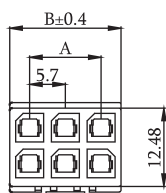


Part No.	Wire Range	Insulation O.D.	Material	Finish	Dim. A	Dim. B
5T5700F-BT0R101	#14-#16	3.75-3.18mm(Max.)	Brass	Tin Plated	3.40	3.55
5T5700F-BT0R102	#12	4.11mm(Max.)	Brass	Tin Plated	5.00	4.80

P/N.:5T5700F-BT0R*0X

Optional
See Table

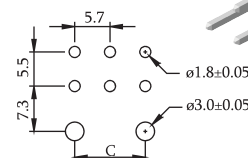
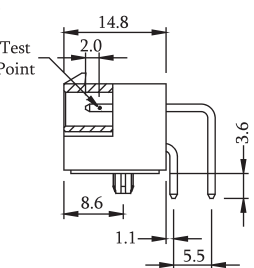
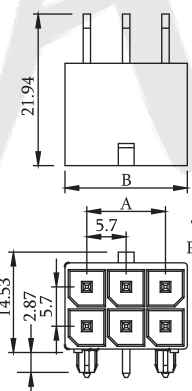
No. of Contacts	Dimensions	
	A	B
2×01	---	8.35
2×02	5.7	12.05
2×03	11.4	17.75
2×04	17.1	23.45
2×05	22.8	29.15
2×06	28.5	34.85



P/N.:5H5700F1-2XXBBL00*01

Optional

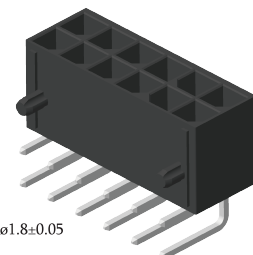
No. of Contacts	Dimensions	
	A	B
2×01	---	8.35
2×02	5.7	12.05
2×03	11.4	17.75
2×04	17.1	23.45
2×05	22.8	29.15
2×06	28.5	34.85



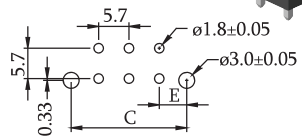
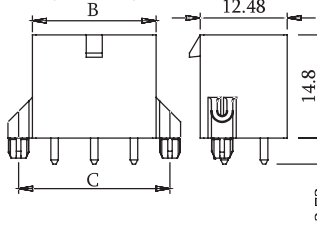
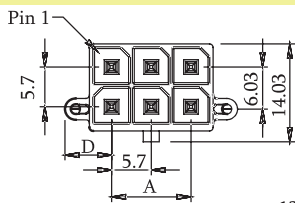
Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W5700R1-2XXXXBAU*01

T0: Tin Plated G0: Gold Flash Optional



No. of Contacts	Dimensions				
	A	B	C	D	E
2×01	---	8.35	12.34	7.7	6.17
2×02	5.7	12.05	16.04	6.7	5.17
2×03	11.4	17.75	21.74		
2×04	17.1	23.45	27.44		
2×05	22.8	29.15	33.14		
2×06	28.5	34.85	38.84		



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W5700S1-2XXXXBBU*01

T0: Tin Plated G0: Gold Flash GF: Au 15u" Optional

