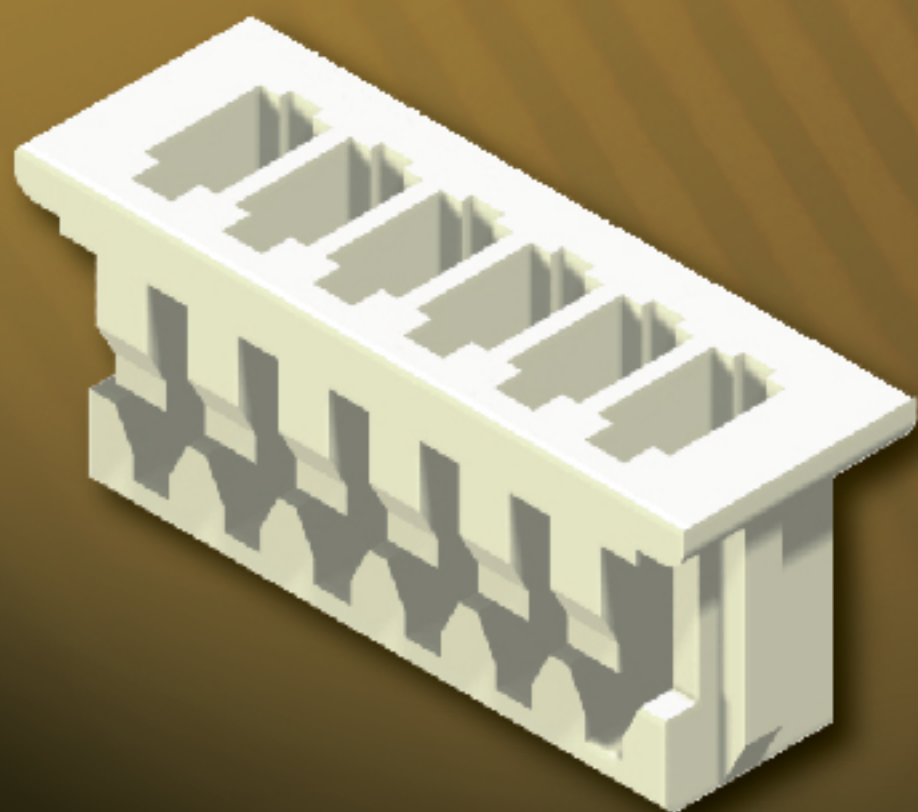


Board To Wire & Wire To Wire Connectors

3-8~3-20 • Housing Wafer Terminal 1.25mm



AMTEK Technology Co., Ltd

1.25mm 1250 Series Terminal / Housing / Wafer SMT & SMT R/A Type

Specifications

Current Rating: 1A AC, DC
Voltage Rating: 125V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

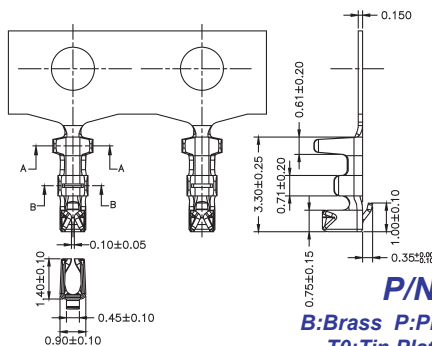
Housing: PBT, UL 94V-0
Wafer: Nylon 6T, UL 94V-0
Terminal: Phosphor Bronze / Gold or Tin Plated



SEC:A-A



SEC:B-B

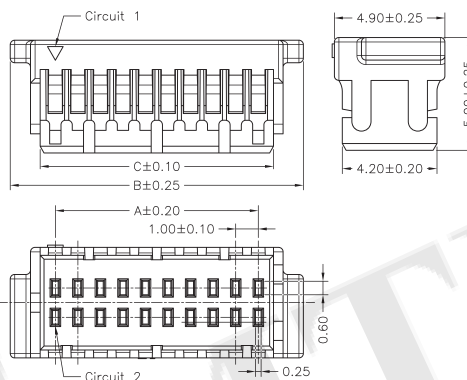


Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1250N-PT0	#28-#32	1.00mm(Max)	Copper Alloy	Tin Plated
5T1250N-PG0				Gold Plated

P/N.:5T1250N-XXXR*01

B:Brass P:Phosphor Bronze T T Optional
T0: Tin Plated G0:Gold Flash

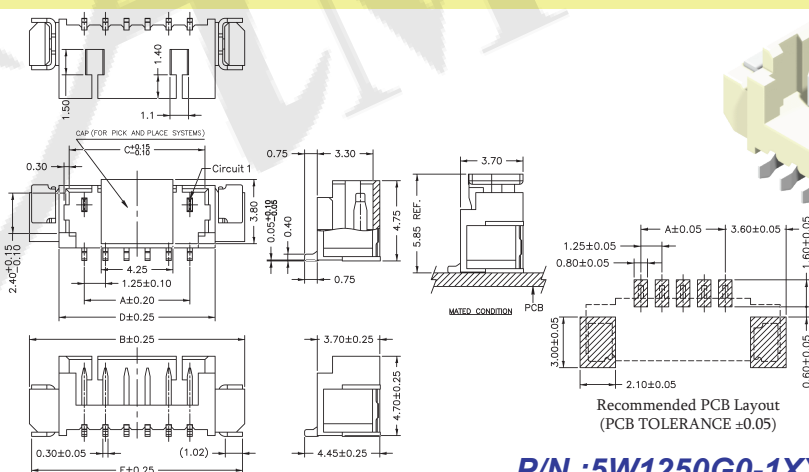
No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	1.25	4.25	12	13.75	16.75
03	2.50	5.50	13	15.00	18.00
04	3.75	6.75	14	16.25	19.25
05	5.00	8.00	15	17.50	20.50
06	6.25	9.25	16	18.75	21.75
07	7.50	10.50	17	20.00	23.00
08	8.75	11.75	18	21.25	24.25
09	10.00	13.00	19	22.50	25.50
10	11.25	14.25	20	23.75	26.75
11	12.25	15.25	---	---	---



P/N.:5H1250N0-1XXXBL00*01

W:White B:Black Optional

No. of Contacts	Dimensions				
	A	B	C	D	E
02	1.25	7.75	3.05	4.25	7.50
03	2.50	9.00	4.30	5.50	8.75
04	3.75	10.25	5.55	6.75	10.00
05	5.00	11.50	6.80	8.00	11.25
06	6.25	12.75	8.05	9.25	12.50
07	7.50	14.00	9.30	10.50	13.75
08	8.75	15.25	10.55	11.75	15.00
09	10.00	16.50	11.80	13.00	16.25
10	11.25	17.75	13.05	14.25	17.50
11	12.50	19.00	14.30	15.50	18.75
12	13.75	20.25	15.55	16.75	20.00
13	15.00	21.50	16.80	18.00	21.25
14	16.25	22.75	18.05	19.25	22.50
15	17.50	24.00	19.30	20.50	23.75
16	18.75	25.25	20.55	21.75	25.00
17	20.00	26.50	21.80	23.00	26.25
18	21.25	27.75	23.05	24.25	27.50

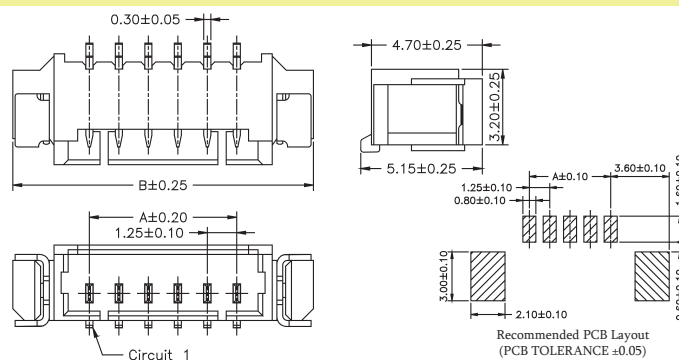


Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

P/N.:5W1250G0-1XXXWXU*01

T0: Tin Plated G0: Gold Flash GF: Au 15u" R: T/R With CAP H: T/R W/O Cap 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



Recommended PCB Layout
(PCB TOLERANCE +0.05)

P/N.:5W1250H0-1XXT0WHU*01

Optional ☐

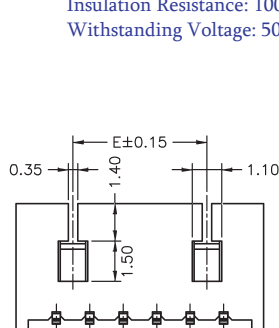
1.25mm 1250 Series Wafer Right Angle & Straight Type

Specifications

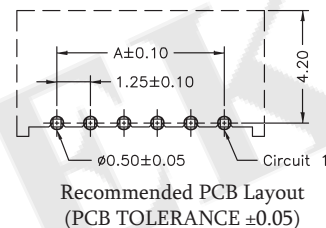
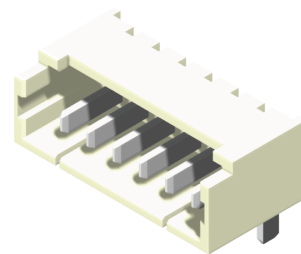
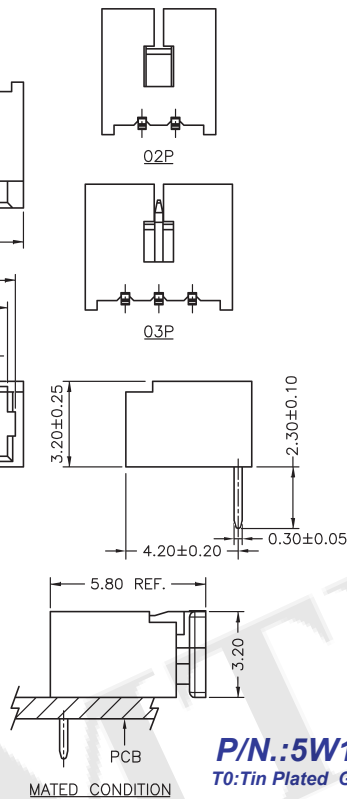
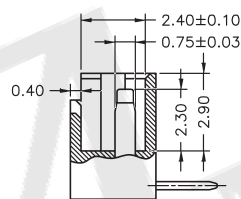
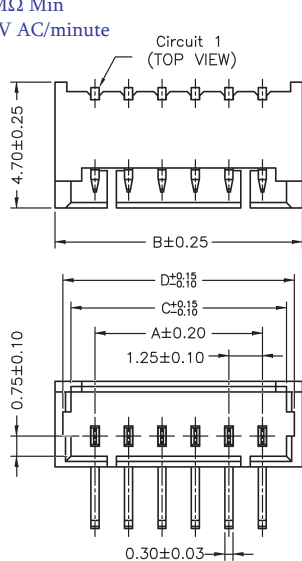
Current Rating: 1A AC, DC
Voltage Rating: 125V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

Wafer: Nylon 6T, UL 94V-0
Terminal: Phosphor Bronze / Tin or Gold Plated

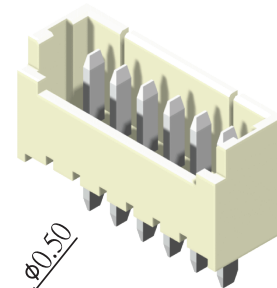
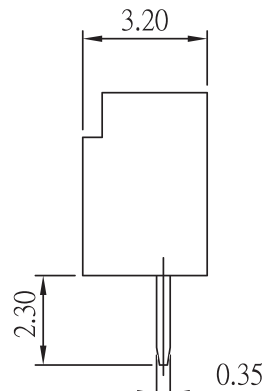
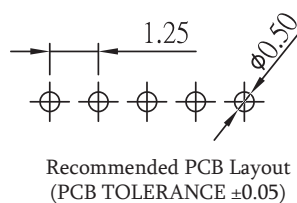
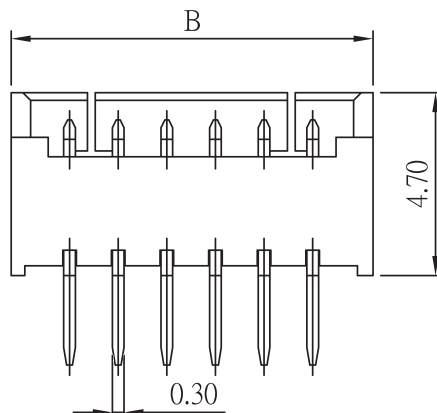
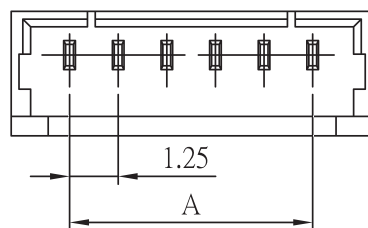


No. of Contacts	Dimensions				
	A	B	C	D	E
02	---	4.25	3.05	3.65	---
03	2.50	5.50	4.30	4.90	---
04	3.75	6.75	5.55	6.15	2.50
05	5.00	8.00	6.80	7.40	3.75
06	6.25	9.25	8.05	8.65	5.00
07	7.50	10.50	9.30	9.90	6.25
08	8.75	11.75	10.55	11.15	7.50
09	10.00	13.00	11.80	12.40	8.75
10	11.25	14.25	13.05	13.65	10.00
11	12.50	15.50	14.30	14.90	11.25
12	13.75	16.75	15.55	16.15	12.50
13	15.00	18.00	16.80	17.40	13.75
14	16.25	19.25	18.05	18.65	15.00
15	17.50	20.50	19.30	19.90	16.25
16	18.75	21.75	20.55	21.15	17.50
17	20.00	23.00	21.80	22.40	18.75
18	21.25	24.25	23.05	23.65	20.00



P/N.:5W1250R0-1XXXXWXU*01
T0: Tin Plated G0: Gold Plated
X: Box B: Bag Optional

No. of Contacts	Dimensions	
	A	B
02	1.25	4.25
03	2.50	5.50
04	3.75	6.75
05	5.00	8.00
06	6.25	9.25
07	7.50	10.50
08	8.75	11.75
09	10.00	13.00
10	11.25	14.25
11	12.50	15.50
12	13.75	16.75
13	15.00	18.00
14	16.25	19.25
15	17.50	20.50



P/N.:5W1250S0-1XXXT0WXU*01
Optional

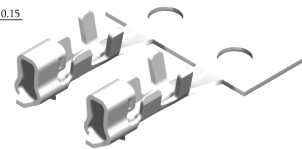
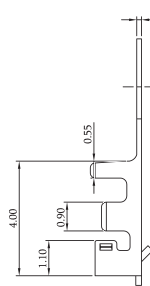
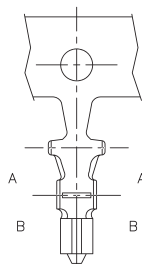
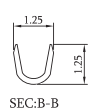
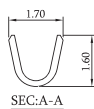
1.25mm 1251 Series Terminal / Housing / Wafer Right Angle & Straight Type

Specifications

Current Rating: 1A AC, DC
Voltage Rating: 200V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

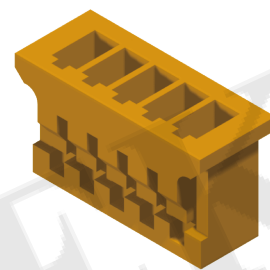
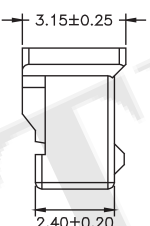
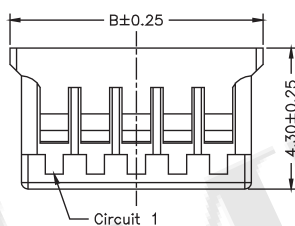
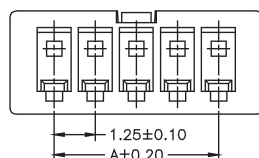
Housing / Wafer: Nylon 66, UL 94V-0
Terminal: Phosphor Bronze / Tin Plated



Wire Range	Insulation O.D.	Material	Finish
#28-#32	1.00mm(Max)	Phosphor Bronze	Tin Plated

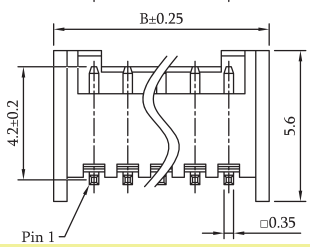
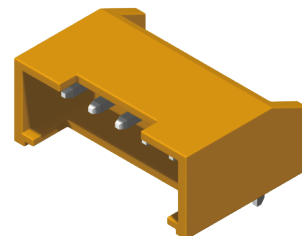
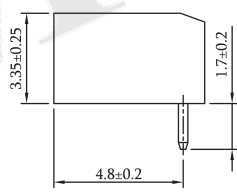
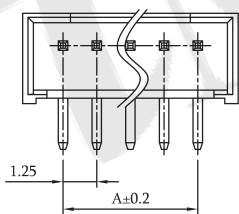
P/N.:5T1251N-PT0R*01
Optional

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
02	1.25	3.95	09	10.00	12.70
03	2.50	5.20	10	11.25	13.95
04	3.75	6.45	11	12.50	15.20
05	5.00	7.70	12	13.75	16.45
06	6.25	8.95	13	15.00	17.70
07	7.50	10.20	14	16.25	18.95
08	8.75	11.45	15	17.50	20.20



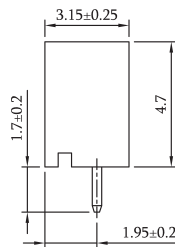
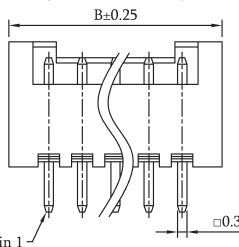
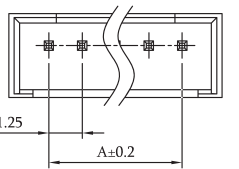
P/N.:5H1251N0-1XXRBL00*01
Optional

No. of Contacts	Dimensions	
	A	B
02	1.25	4.25
03	2.50	5.50
04	3.75	6.75
05	5.00	8.00
06	6.25	9.25
07	7.50	10.50
08	8.75	11.75
09	10.00	13.00
10	11.25	14.25
11	12.50	15.50
12	13.75	16.75
13	15.00	18.00
14	16.25	19.25
15	17.50	20.50



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W1251R0-1XXT0RXL*01
Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W1251S0-1XXT0RXL*01
Optional

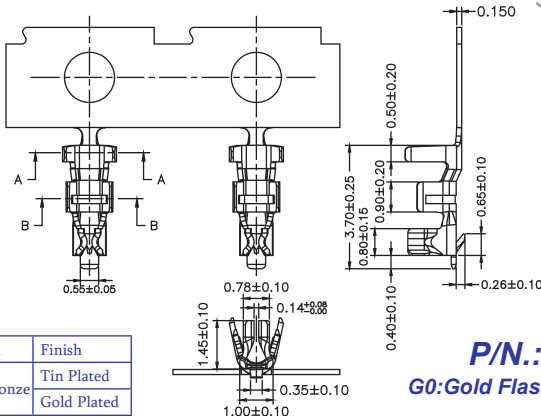
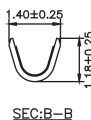
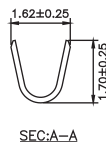
1.25mm 1252 Series Terminal / Housing / Wafer SMT Type

Specifications

Current Rating: 1A AC, DC
Voltage Rating: 150V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 30mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 500V AC/minute

Material

Housing: Nylon 66, UL 94V-0
Wafer: Nylon 6T, UL 94V-0
Terminal: Brass / Gold or Tin Plated

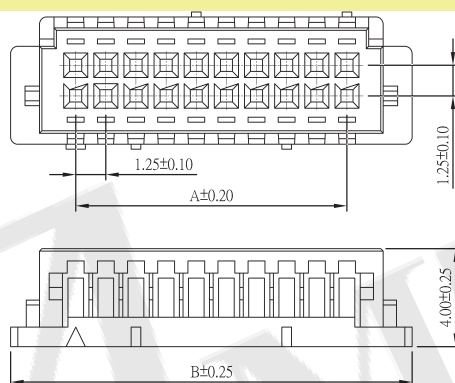


Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1252N-PT0	#26-#30	1.00mm(Max)	Phosphor Bronze	Tin Plated
5T1252N-PG0				Gold Plated

P/N.:5T1252N-PXXR*01

G0:Gold Flash T0:Tin Plated
Optional

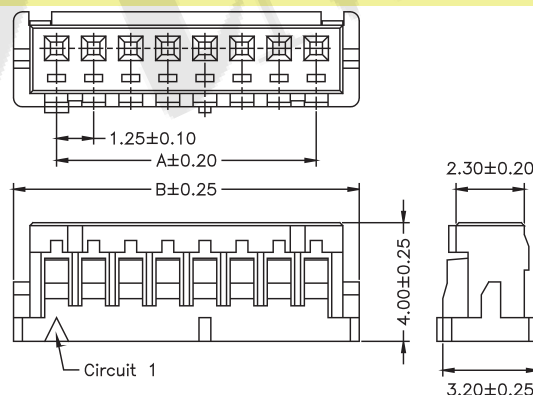
No. of Contacts	Dimensions	
	A	B
05	5.00	10.40
07	7.50	12.90
10	11.25	16.65
15	17.50	22.90
20	23.75	29.15



P/N.:5H1252N0-2XXWBL00*01

Optional

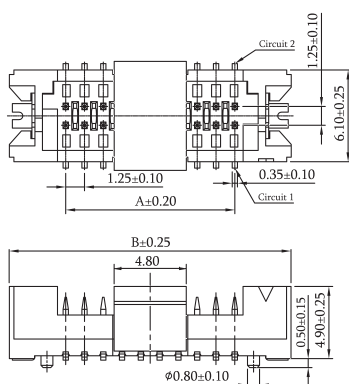
No. of Contacts	Dimensions	
	A	B
02	1.25	4.15
03	2.50	5.40
04	3.75	6.65
05	5.00	7.90
06	6.25	9.15
07	7.50	10.40
08	8.75	11.65
09	10.00	12.90
10	11.25	14.15
11	12.50	15.40
12	13.75	16.65
13	15.00	17.90
14	16.25	19.15
15	17.50	20.40



P/N.:5H1252N0-1XXWBL00*01

Optional

No. of Contacts	Dimensions	
	A	B
2x05	5.00	12.50
2x07	7.50	15.00
2x10	11.25	18.75
2x15	17.50	25.00
2x20	23.75	31.25



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W1252G0-2XXG0WRU*01

Optional

1.25mm 1252 Series Wafer SMT & SMT R/A & Right Angle & Straight Type

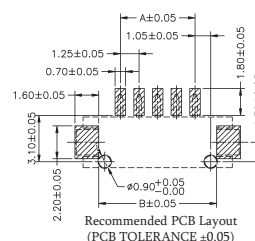
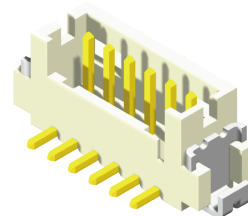
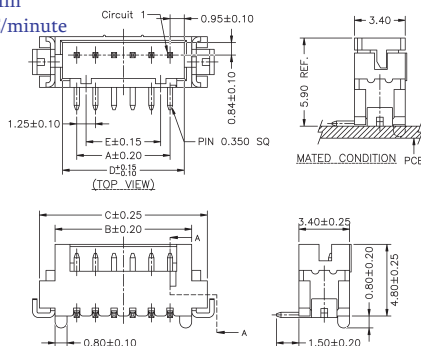
Specifications

Current Rating: 1A AC, DC
Voltage Rating: 150V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 30mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 500V AC/minute

Material

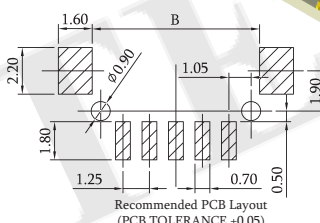
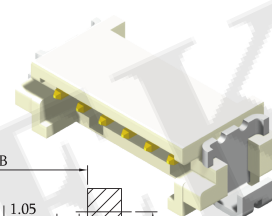
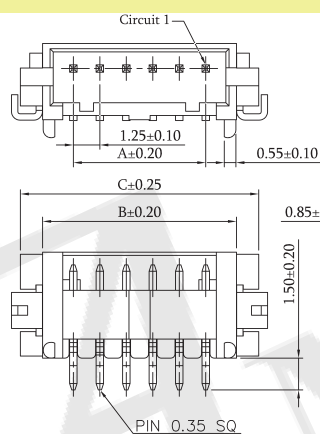
5W1252G/H: Nylon 6T, UL 94V-0
5W1252R/S: Nylon 66, UL 94V-0
Terminal: Brass / Gold & Tin Plated

No. of Contacts	Dimensions				
	A	B	C	D	E
02	1.25	4.15	6.25	3.15	--
03	2.50	5.40	7.50	4.40	1.25
04	3.75	6.65	8.75	5.65	2.50
05	5.00	7.90	10.00	6.90	3.75
06	6.25	9.15	11.25	8.15	5.00
07	7.50	10.40	12.50	9.40	6.25
08	8.75	11.65	13.75	10.65	7.50
09	10.00	12.90	15.00	11.90	8.75
10	11.25	14.15	16.25	13.15	10.00
11	12.50	15.40	17.50	14.40	11.25
12	13.75	16.65	18.75	15.65	12.50
13	15.00	17.90	20.00	16.90	13.75
14	16.25	19.15	21.25	18.15	15.00
15	17.50	20.40	22.50	19.40	16.25



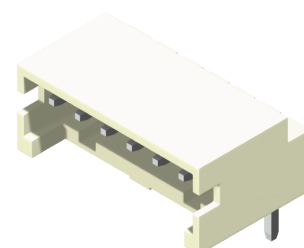
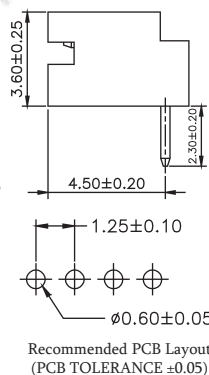
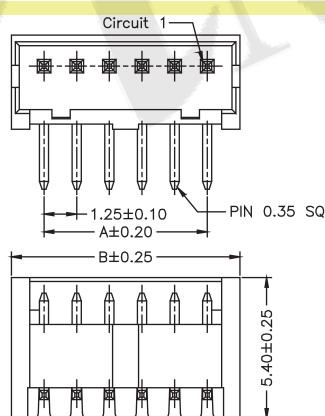
P/N.:5W1252G0-1XXG0WRU*01
Optional 

No. of Contacts	Dimensions		
	A	B	C
02	1.25	4.15	6.25
03	2.50	5.40	7.50
04	3.75	6.65	8.75
05	5.00	7.90	10.00
06	6.25	9.15	11.25
07	7.50	10.40	12.50
08	8.75	11.65	13.75
09	10.00	12.90	15.00
10	11.25	14.15	16.25
11	12.50	15.40	17.50
12	13.75	16.65	18.75
13	15.00	17.90	20.00
14	16.25	19.15	21.25
15	17.50	20.40	22.50

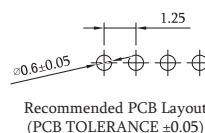
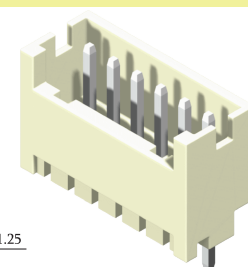
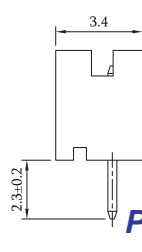
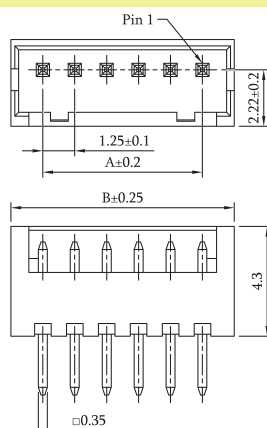


P/N.:5W1252H0-1XXG0WHU*01
Optional

No. of Contacts	Dimensions	
	A	B
02	1.25	3.75
03	2.50	5.00
04	3.75	6.25
05	5.00	7.50
06	6.25	8.75
07	7.50	10.00
08	8.75	11.25
09	10.00	12.50
10	11.25	13.75
11	12.50	15.00
12	13.75	16.25
13	15.00	17.50
14	16.25	18.75
15	17.50	20.00



P/N.:5W1252R0-1XXT0WXL*01
Optional



P/N.:5W1252S0-1XXT0WXL*01
Optional 

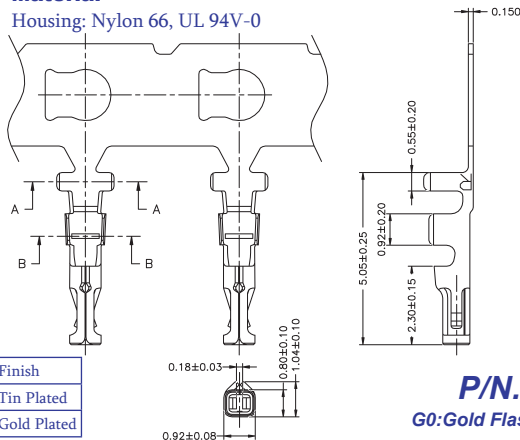
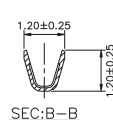
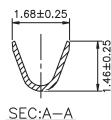
1.25mm 1253 Series Terminal / Housing

Specifications

Current Rating: 1A AC, DC
Voltage Rating: 150V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 30mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 500V AC/minute

Material

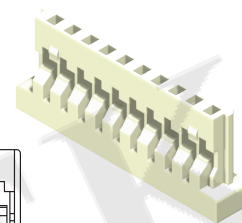
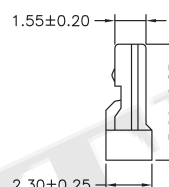
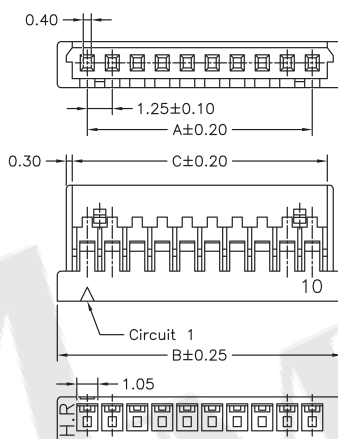
Housing: Nylon 66, UL 94V-0



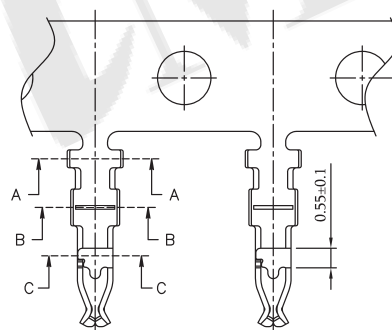
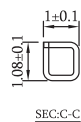
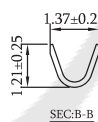
Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1253N-PT0	#26-#30	0.90mm(Max)	Phosphor Bronze	Tin Plated
5T1253N-PG0				Gold Plated

P/N.:5T1253N-PXXR*01
G0:Gold Flash T0:Tin Plated Optional

No. of Contacts	Dimensions		
	A	B	C
02	1.25	4.25	2.75
03	2.50	5.50	4.00
04	3.75	6.75	5.25
05	5.00	8.00	6.50
06	6.25	9.25	7.75
07	7.50	10.50	9.00
08	8.75	11.75	10.25
09	10.00	13.00	11.50
10	11.25	14.25	12.75
11	12.50	15.50	14.00
12	13.75	16.75	15.25
13	15.00	18.00	16.50
14	16.25	19.25	17.75
15	17.50	20.50	19.00
20	23.75	26.75	25.25
21	25.00	28.00	26.50
25	30.00	33.00	31.50
30	36.25	39.25	37.75

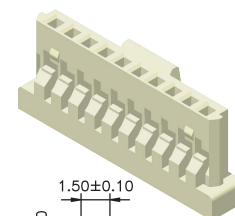
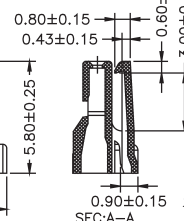
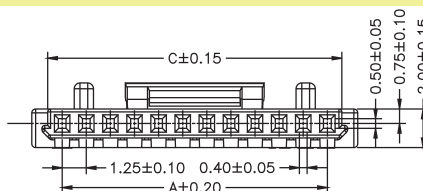
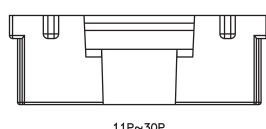
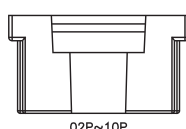


P/N.:5H1253N0-1XXWBL00*01
Optional

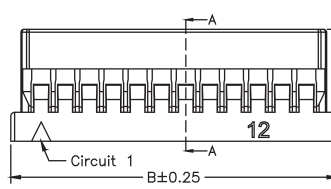


Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1253N-PT0	#26-#32	1.00mm(Max)	Phosphor Bronze	Tin Plated
5T1253N-PG0				Gold Plated

P/N.:5T1253N-PXXR*02
G0:Gold Flash T0:Tin Plated Optional



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	1.25	4.40	2.75	11	12.50	15.65	14.00
03	2.50	5.65	4.00	12	13.75	16.90	15.25
04	3.75	6.90	5.25	13	15.00	18.15	16.50
05	5.00	8.15	6.50	14	16.25	19.40	17.75
06	6.25	9.40	7.75	15	17.50	20.65	19.00
07	7.50	10.65	9.00	20	23.75	26.90	25.25
08	8.75	11.90	10.25	25	30.00	33.15	31.50
09	10.00	13.15	11.50	30	36.25	39.40	37.75
10	11.25	14.40	12.75				



P/N.:5H1253N1-1XXWBL00*01
Optional

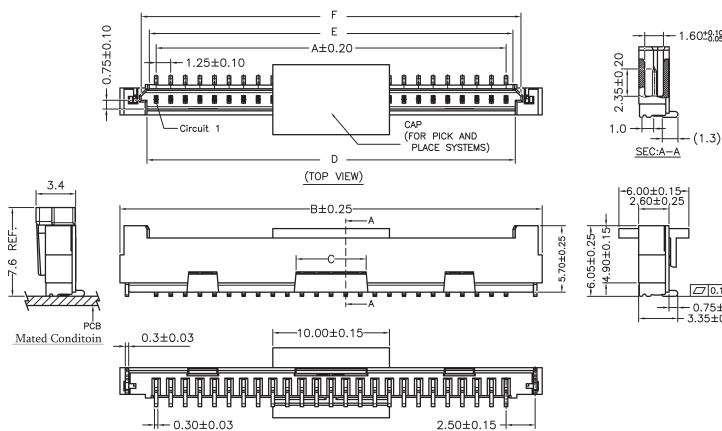
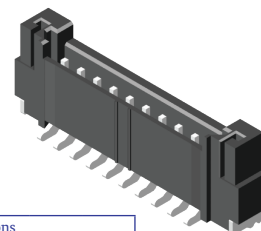
1.25mm 1253 Series Wafer SMT & SMT R/A Type

Specifications

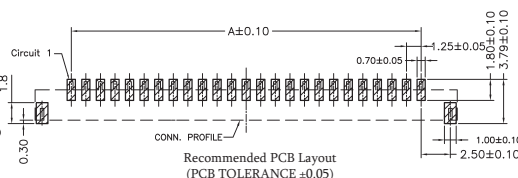
Current Rating: 1A AC, DC
Voltage Rating: 150V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 30mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 500V AC/minute

Material

Wafer: Nylon 6T, UL 94V-0
Terminal: Brass / Tin or Gold Plated

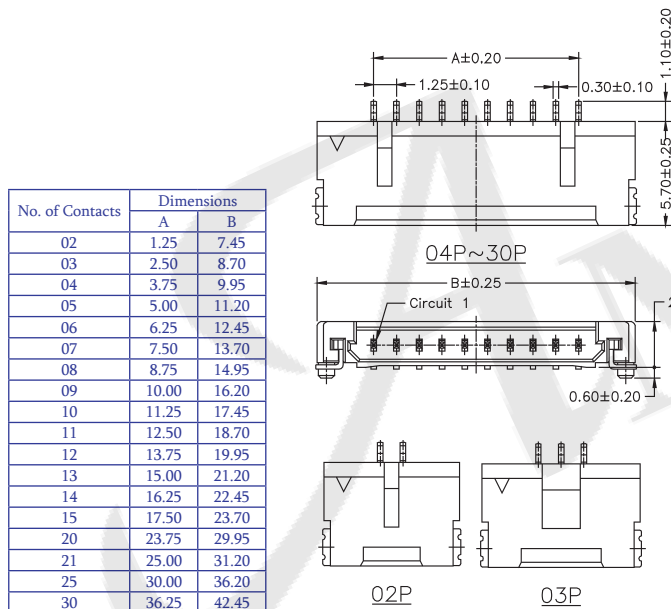


No. of Contacts	Dimensions					
	A	B	C	D	E	F
20	23.75	29.95	5.00	25.33	24.93	26.31
25	30.00	36.20	6.00	31.58	31.18	32.56
30	36.25	42.45	6.00	37.83	37.43	38.81



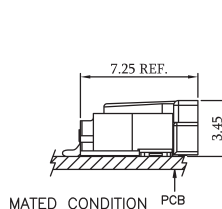
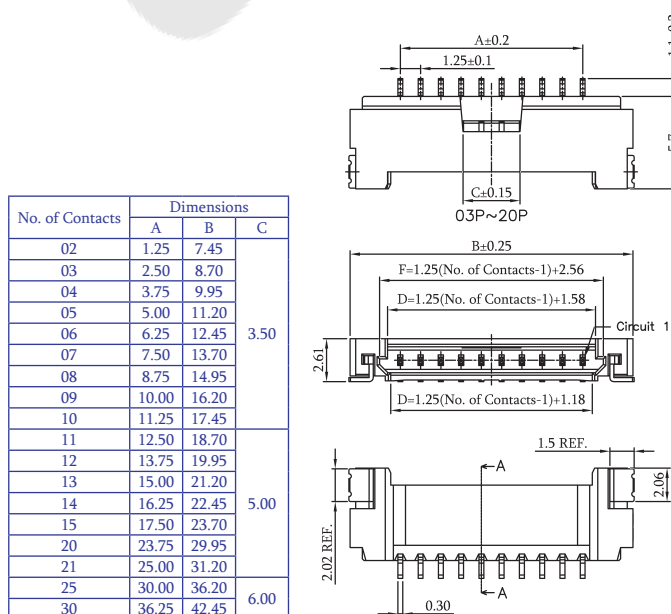
P/N.:5W1253G0-1XXT0XRU*01

B:Black W:White
Optional

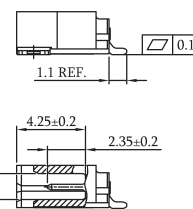


P/N.:5W1253H0-1XXT0WHU*01

Optional



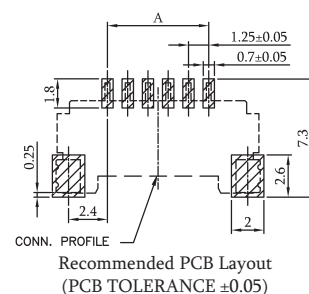
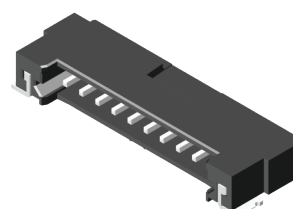
MATED CONDITION PCB



SEC:A-A

P/N.:5W1253H1-1XXXXBHU*01

G0:Gold Flash T0:Tin Plated
Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

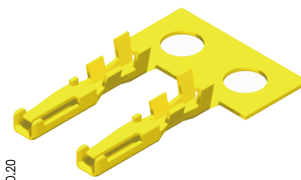
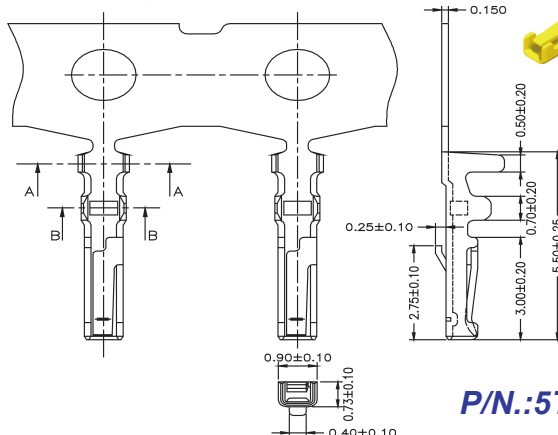
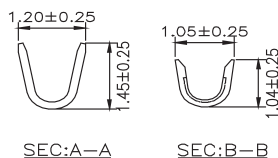
1.25mm 1254 Series Terminal / Housing / Wafer SMT R/A Type

Specifications

Current Rating: 1A AC, DC
Voltage Rating: 125V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

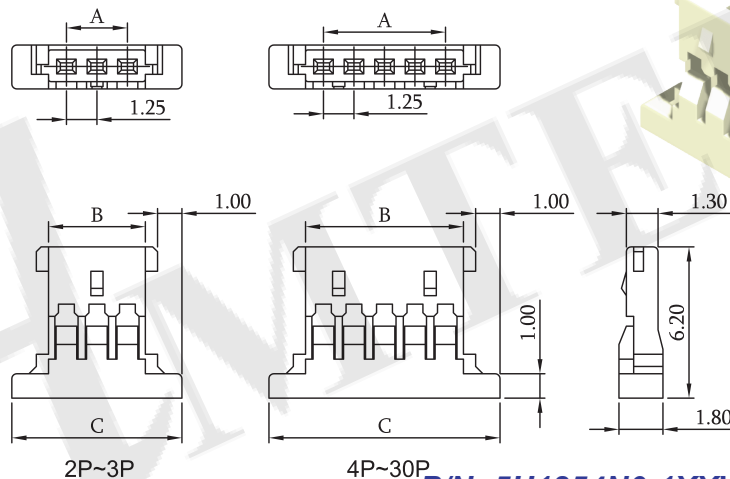
Housing: Nylon 66, UL 94V-0
Wafer: Nylon 6T, UL 94V-0
Terminal: Brass / Tin or Gold Plated



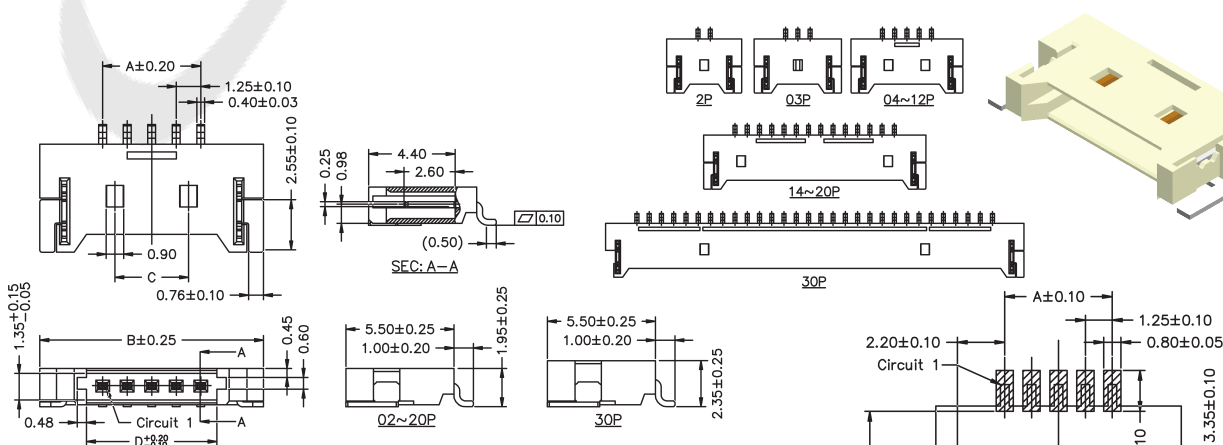
Wire Range	Insulation O.D.	Material	Finish
#28-#32	1.00mm(Max)	Phosphor Bronze	Gold Plated

P/N.:5T1254N-PG0R*01
Optional

No. of Contacts	Dimensions		
	A	B	C
02	1.25	2.72	5.72
03	2.50	3.97	6.97
04	3.75	5.22	8.22
05	5.00	6.47	9.47
06	6.25	7.72	10.72
07	7.50	8.97	11.97
08	8.75	10.22	13.22
09	10.00	11.47	14.47
10	11.25	12.72	15.72
11	12.50	13.97	16.97
12	13.75	15.22	18.22
14	16.25	17.72	20.72
15	17.50	18.97	21.97
20	23.75	25.22	28.22
30	36.25	37.72	40.72



P/N.:5H1254N0-1XXWBL00*01
Optional



No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
02	1.25	7.65	---	2.90	10	11.25	17.65	10.00	12.90
03	2.50	8.90	---	4.15	11	12.50	18.90	11.25	14.15
04	3.75	10.15	2.50	5.40	12	13.75	20.15	12.50	15.40
05	5.00	11.40	3.75	6.65	14	16.25	22.65	13.75	17.90
06	6.25	12.65	5.00	7.90	15	17.50	23.90	15.00	19.15
07	7.50	13.90	6.25	9.15	16	18.75	25.15	16.25	20.40
08	8.75	15.15	7.50	10.40	20	23.75	30.15	17.50	25.40
09	10.00	16.40	8.75	11.65	30	36.25	42.65	18.75	37.90

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W1254H0-1XXXXWXU*01

T0: Tin Plated G0: Gold Flash
H: T/R, W/O Cap M: T/R, With Mylar(02P-04P) Optional

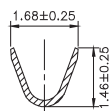
1.25mm 1255 Series Terminal / Housing / Wafer SMT R/A Type

Specifications

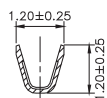
Current Rating: 1A AC, DC
Voltage Rating: 200V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 40mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

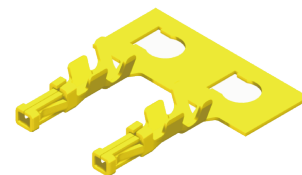
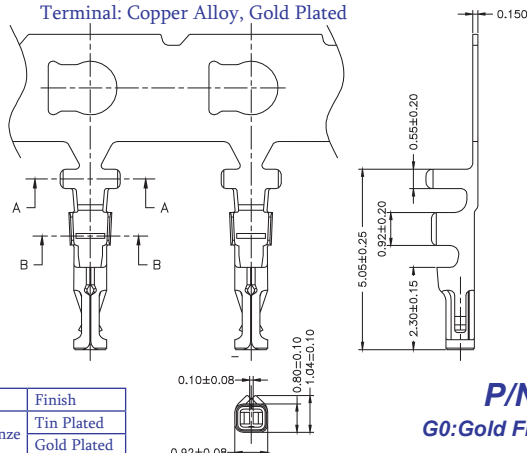
Housing: Nylon 66, UL 94V-0
Wafer: Nylon 6T, UL 94V-0
Terminal: Copper Alloy, Gold Plated



SEC:A-A



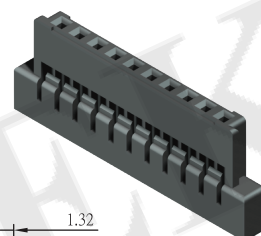
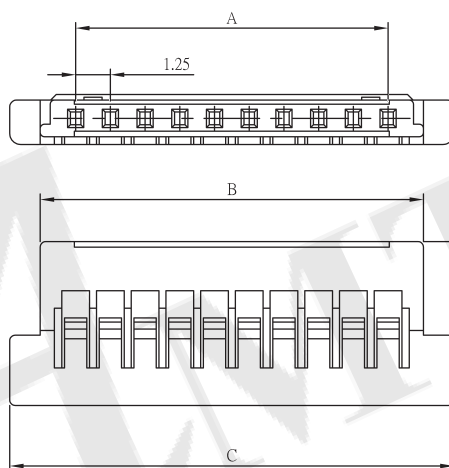
SEC:B-B



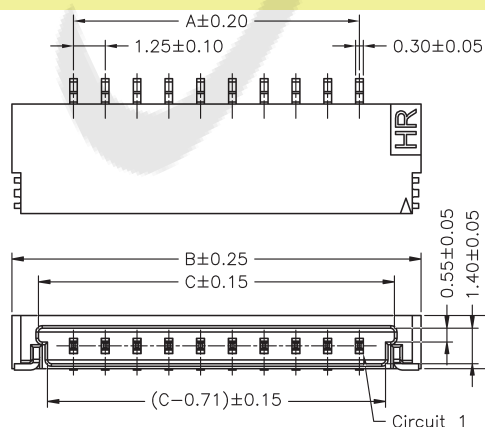
Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1255N-PT0	#28-#32	0.90mm(Max)	Phosphor Bronze	Tin Plated
5T1255N-PG0				Gold Plated

P/N.:5T1255N-PXXR*01
G0:Gold Flash T0:Tin Plated
Optional

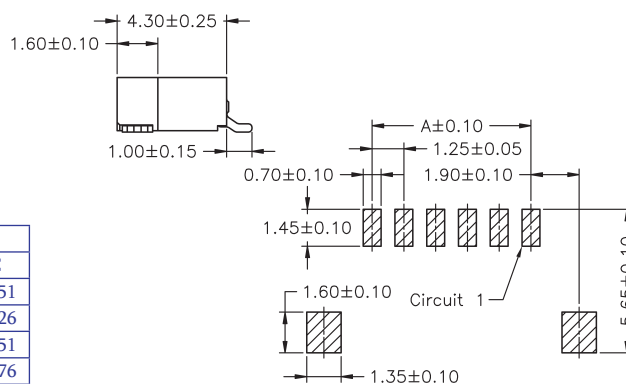
No. of Contacts	Dimensions		
	A	B	C
02	1.25	3.80	6.00
03	2.50	5.05	7.25
04	3.75	6.30	8.50
05	5.00	7.55	9.75
06	6.25	8.80	11.00
08	8.75	11.30	13.50
10	11.25	13.80	16.00
15	17.50	20.05	22.25
20	23.75	26.30	28.50
25	30.00	32.55	34.75
30	36.25	38.80	41.00



P/N.:5H1255N0-1XXBBL00*01
Optional



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	1.25	6.10	4.01	12	13.75	18.60	16.51
03	2.50	7.35	5.26	11	12.50	17.35	15.26
04	3.75	8.60	6.51	12	13.75	18.60	16.51
05	5.00	9.85	7.76	13	15.00	19.85	17.76
06	6.25	11.10	9.01	14	16.25	21.10	19.01
07	7.50	12.35	10.26	15	17.50	22.35	20.26
08	8.75	13.60	11.51	20	23.75	28.60	26.51
10	11.25	16.10	14.01	25	30.00	34.85	32.76
11	12.50	17.35	15.26	30	36.25	41.10	39.01



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W1255H0-1XXG0WHU*01
Optional

CONNECTORS MANUFACTURER

Old P/N.:1255 Series
1256 Series

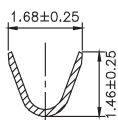
1.25mm 1255 Series Terminal / 1256 Series Housing / Wafer SMT Type

Specifications

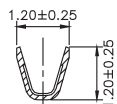
Current Rating: 1A AC, DC
Voltage Rating: 200V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 40mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

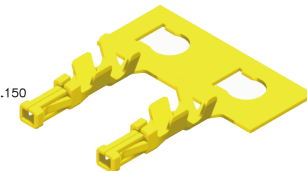
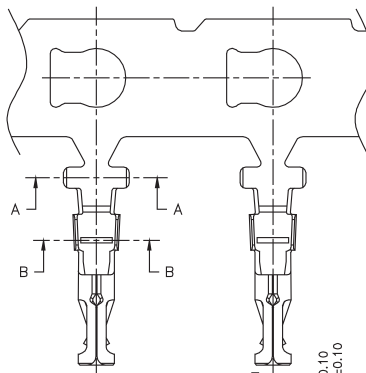
Housing: Nylon 66, UL 94V-0
Wafer: Nylon 6T, UL 94V-0
Terminal: Phosphor Bronze / Gold or Tin Plated



SEC:A-A



SEC:B-B

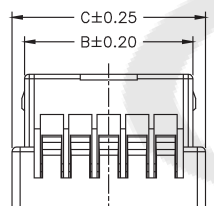
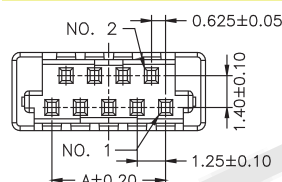


Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1255N-PT0	#28-#32	0.90mm(Max)	Phosphor Bronze	Tin Plated
5T1255N-PG0				Gold Plated

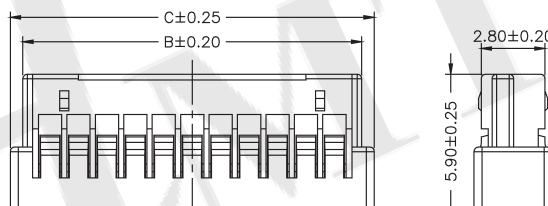
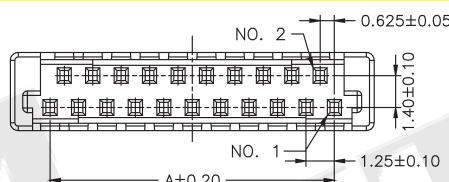
P/N.:5T1255N-PXXR*01

G0:Gold Flash T0:Tin Plated

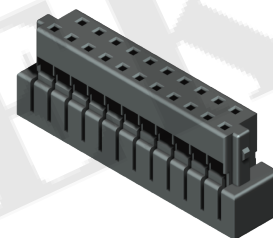
Optional



5,7,9,11 Contacts



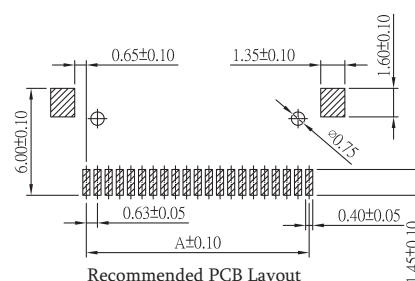
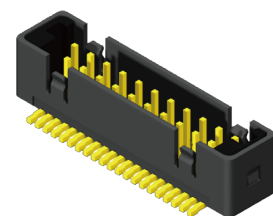
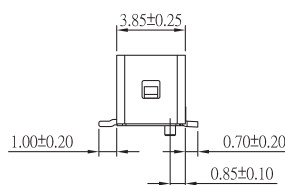
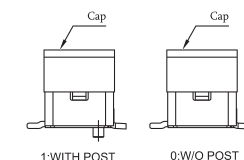
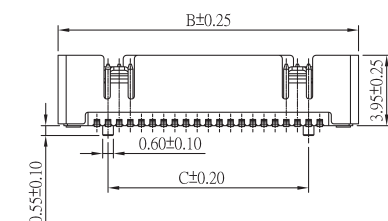
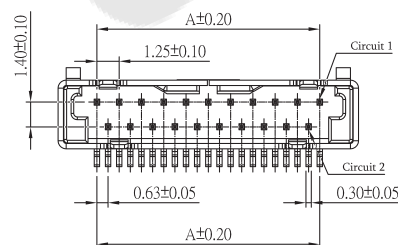
13,15,17,19,21,31,41 Contacts



No. of Contacts	Dimensions			No. of Contacts	Dimensions			No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C		A	B	C		A	B	C
05	2.50	4.90	6.00	11	6.25	8.65	9.75	17	10.00	12.40	13.50	31	18.75	21.15	22.25
07	3.75	6.15	7.25	13	7.50	9.90	11.00	19	11.25	13.65	14.75	41	25.00	27.40	28.50
09	5.00	7.40	8.50	15	8.75	11.15	12.25	21	12.50	14.90	16.00	---	---	---	---

P/N.:5H1256N0-1XXBBL00*01

Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
21	12.50	16.85	11.25
31	18.75	23.10	17.50

P/N.:5W1256GX-1XXG0BRU*01

0:W/O Post 1:With Post

Optional

Housing Wafer Terminal

ROHS

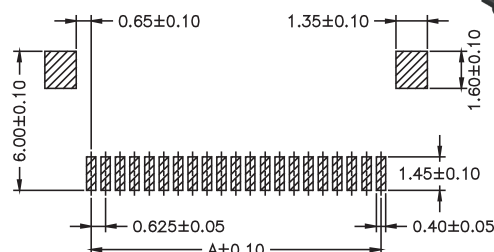
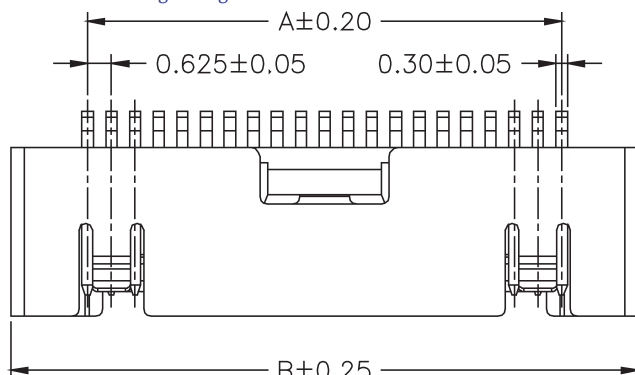
1.25mm 1256 Series Wafer SMT R/A Type

Specifications

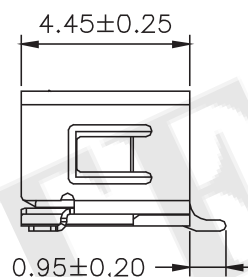
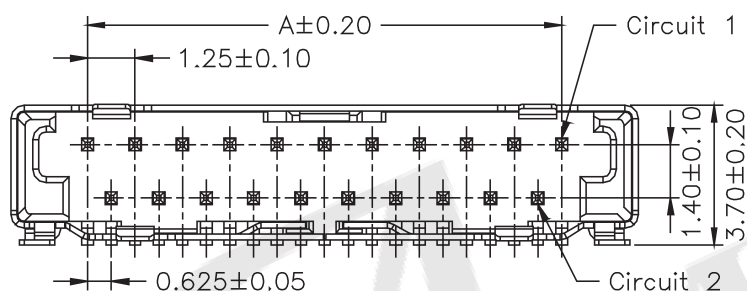
Current Rating: 1A AC, DC
Voltage Rating: 200V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 40mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

Housing / Wafer: Nylon 6T, UL 94V-0
Terminal: Phosphor Bronze / Gold Plated

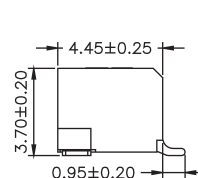
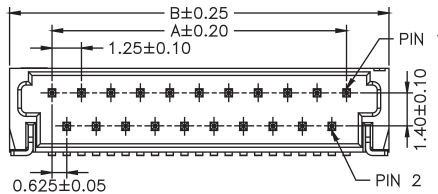
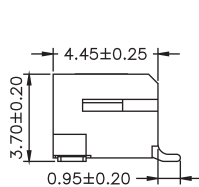
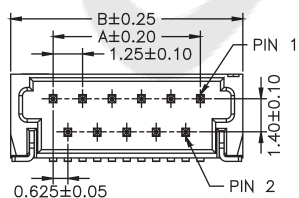
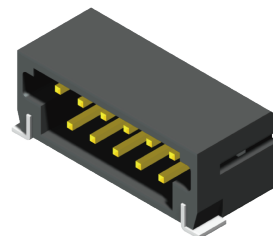
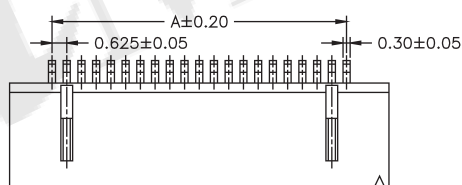
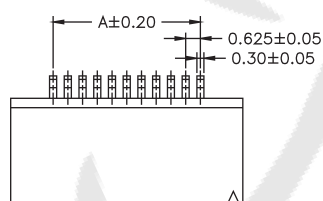


Recommended PCB Layout
(PCB TOLERANCE ±0.05)



No. of Contacts	Dimensions		No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B		A	B
21	12.50	16.55	31	18.75	22.80	41	25.00	29.05

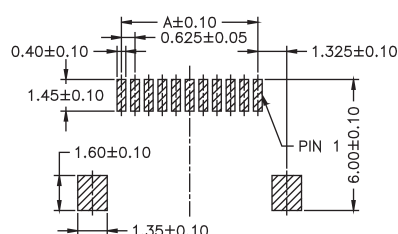
P/N.:5W1256H0-1XXG0BHU*01
Optional



05,07,09,11 Contacts

13,15,17,19,21,31,41 Contacts

No. of Contacts	Dimensions		No. of Contacts	Dimensions	
	A	B		A	B
05	2.50	6.10	17	10.00	13.60
07	3.75	7.35	19	11.25	14.85
09	5.00	8.60	21	12.50	16.10
11	6.25	9.85	31	18.75	22.35
13	7.50	11.10	41	25.00	28.60
15	8.75	12.35	---	---	---



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W1256H1-1XXG0BHU*01
Optional

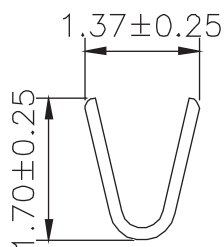
1.25mm 1257 Series Terminal / Housing

Specifications

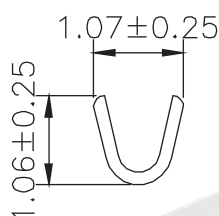
Current Rating: 1A AC, DC
Voltage Rating: 125V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

Material

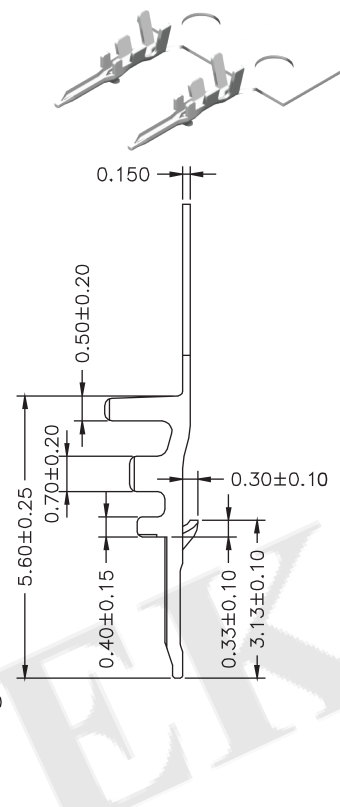
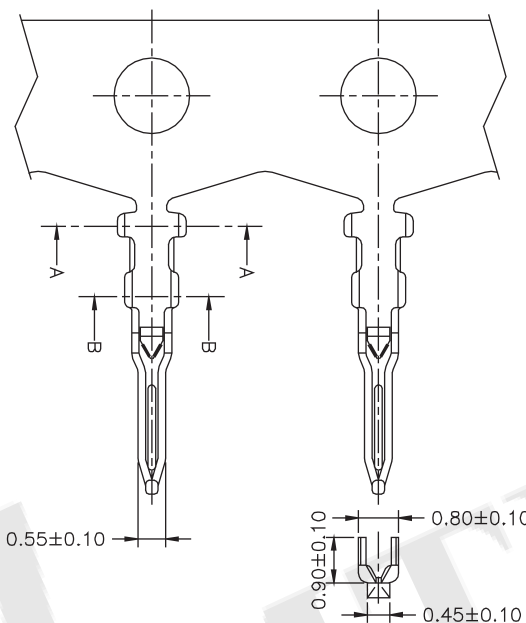
Housing: Nylon 66, UL 94V-0



SEC:A-A

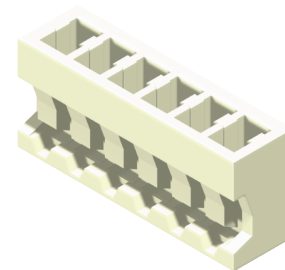


SEC:B-B

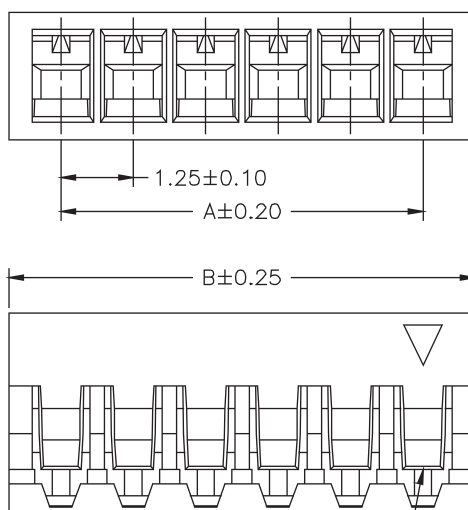


Wire Range	Insulation O.D.	Material	Finish
#28-#32	1.00mm(Max)	Phosphor Bronze	Tin Plated

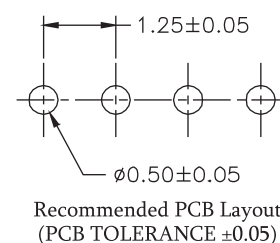
P/N.:5T1257N-PT0R*01
Optional



No. of Contacts	Dimensions	
	A	B
02	1.25	3.05
03	2.50	4.30
04	3.75	5.55
05	5.00	6.80
06	6.25	8.05
07	7.50	9.30
08	8.75	10.55
09	10.00	11.80
10	11.25	13.05
11	12.50	14.30
12	13.75	15.55
13	15.00	16.80
14	16.25	18.05
15	17.50	19.30



Circuit 1



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5H1257N0-1XXWBL00*01
Optional

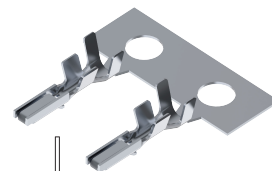
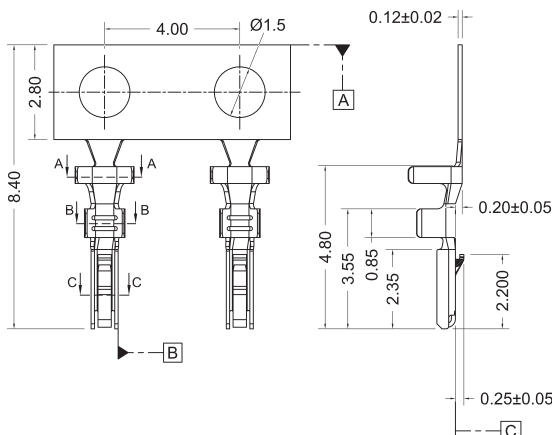
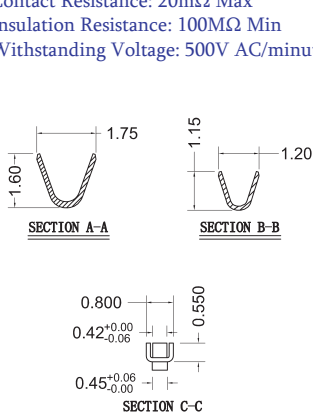
1.25mm 1258 Series Terminal / Housing / Wafer SMT R/A Type

Specifications

Current Rating: 1A AC, DC
Voltage Rating: 125V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 100MΩ Min
Withstanding Voltage: 500V AC/minute

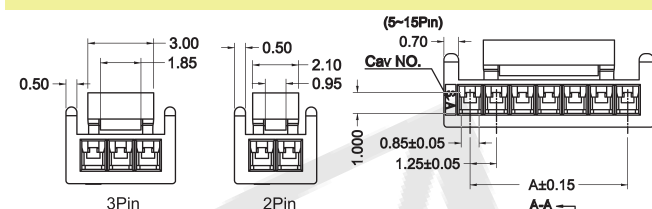
Material

Housing: Nylon 66, UL 94V-0
Terminal: Phosphor Bronze / Tin Plated
Wafer: LCP, UL 94V-0

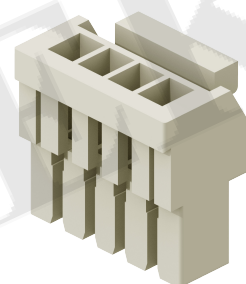
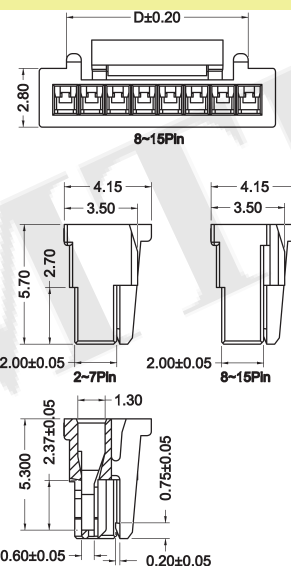
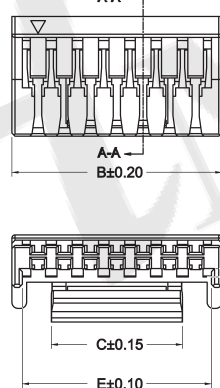


Wire Range	Insulation O.D.	Material	Finish
#26-#30	1.00mm(Max)	Phosphor Bronze	Tin Plated

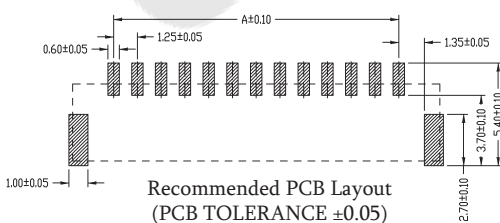
P/N.:5T1258N-PT0R*01
Optional



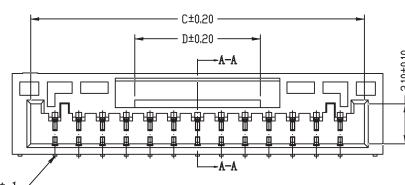
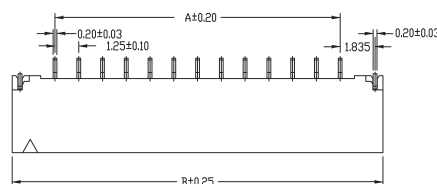
No. of Contacts	Dimensions				
	A	B	C	D	E
02	1.25	3.75	2.10	---	2.75
03	2.50	5.00	3.00	---	4.00
04	3.75	6.25	4.05	---	5.25
05	5.00	7.50	4.25	---	6.50
06	6.25	8.75	6.25	---	7.75
07	7.50	10.00	6.25	---	9.00
08	8.75	11.25	6.25	8.65	10.25
09	10.00	12.50	6.25	8.65	11.50
10	11.25	13.75	8.20	10.7	12.75
11	12.50	15.00	8.20	10.7	14.00
12	13.75	16.25	8.20	10.7	15.25
13	15.00	17.50	8.20	10.7	16.50
14	16.25	18.75	8.20	10.7	17.75
15	17.50	20.00	8.20	10.7	19.00



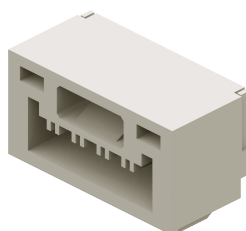
P/N.:5H1258N0-1XXWBL00*01
Optional



No. of Contacts	Dimensions			
	A	B	C	D
02	1.25	5.75	3.85	0.80
03	2.50	7.00	5.10	1.60
04	3.75	8.25	6.35	2.50
05	5.00	9.50	7.60	2.50
06	6.25	10.75	8.85	4.65
07	7.50	12.00	10.10	4.65
08	8.75	13.25	11.35	4.65
09	10.00	14.50	12.60	4.65
10	11.25	15.75	13.85	6.60
11	12.50	17.00	15.10	6.60
12	13.75	18.25	16.35	6.60
13	15.00	19.50	17.60	6.60
14	16.25	20.75	18.85	6.60
15	17.50	22.00	20.10	6.60



Circuit 1



P/N.:5W1258H0-1XXT0WHU*01
Optional