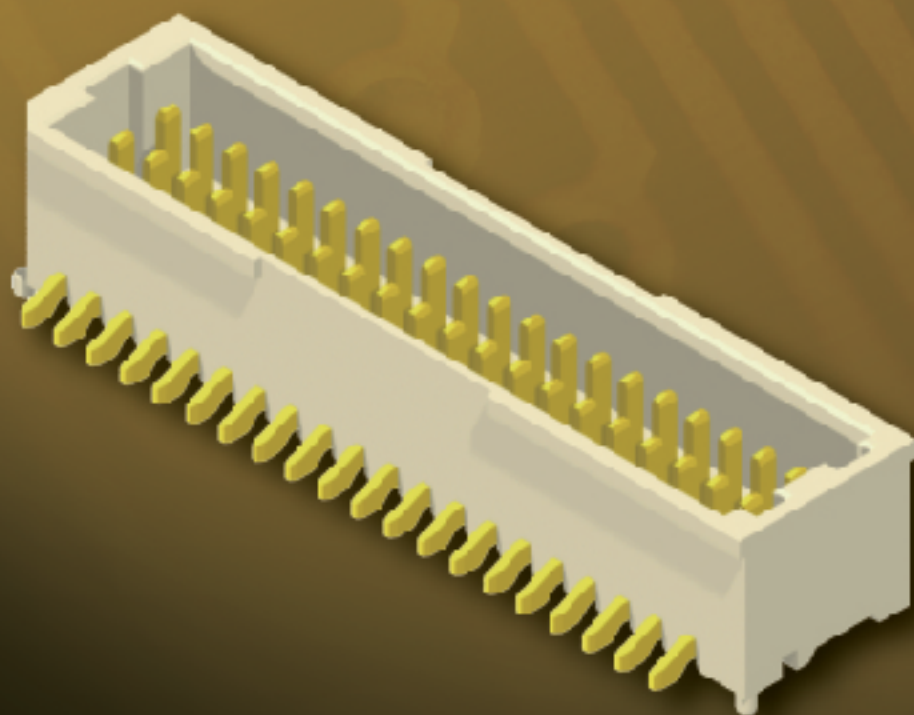


Board To Wire & Wire To Wire Connectors

3-3~3-7 • Housing Wafer Terminal 1.0mm



AMTEK Technology Co., Ltd

CONNECTORS MANUFACTURER

Old P/N.:1001 Series

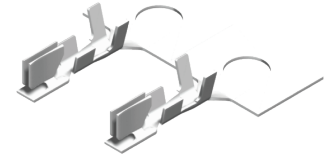
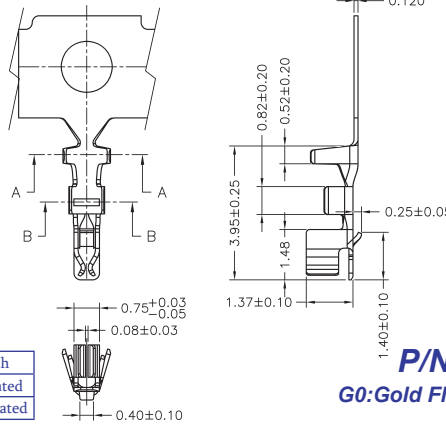
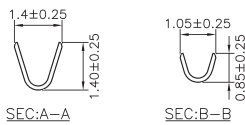
1.0mm 1001 Series Terminal / Housing / Wafer SMT R/A Type

Specifications

Current Rating: 1A AC, DC
 Voltage Rating: 50V 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: Phosphor Bronze / Gold or Tin Plated

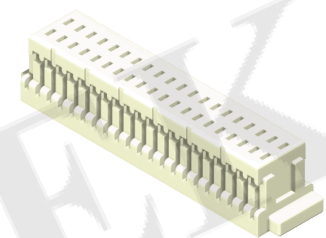
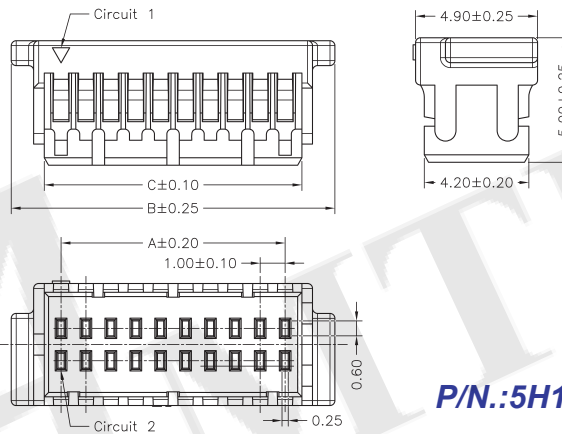


Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1001N-PT0	#28-#32	0.80mm(Max)	Phosphor Bronze	Tin Plated
5T1001N-PG0				Gold Plated

P/N.:5T1001N-PXXR*01
 G0:Gold Flash T0:Tin Plated
 Optional

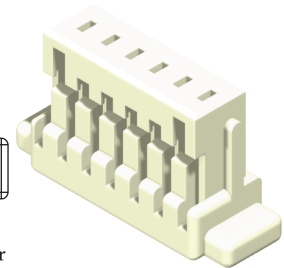
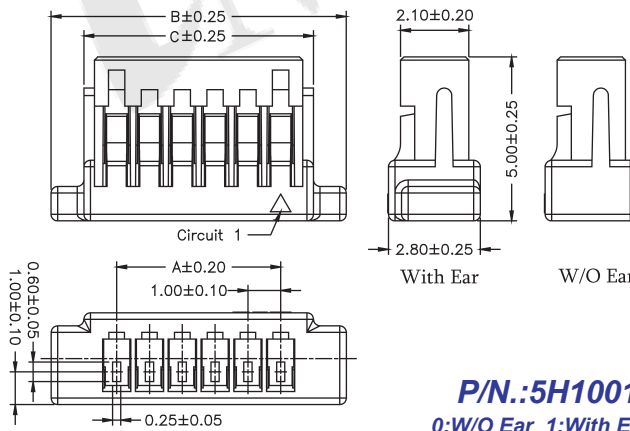
Housing Wafer Terminal

No. of Contacts	Dimensions		
	A	B	C
2x05	4.00	8.00	5.35
2x06	5.00	9.00	6.35
2x08	7.00	11.00	8.35
2x09	8.00	12.00	9.35
2x10	9.00	13.00	1.35
2x15	14.00	18.00	15.35
2x20	19.00	23.00	20.35
2x25	24.00	28.00	25.35

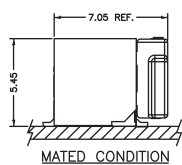


P/N.:5H1001N0-2XXWBL00*01
 Optional

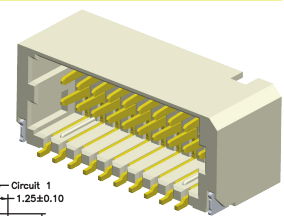
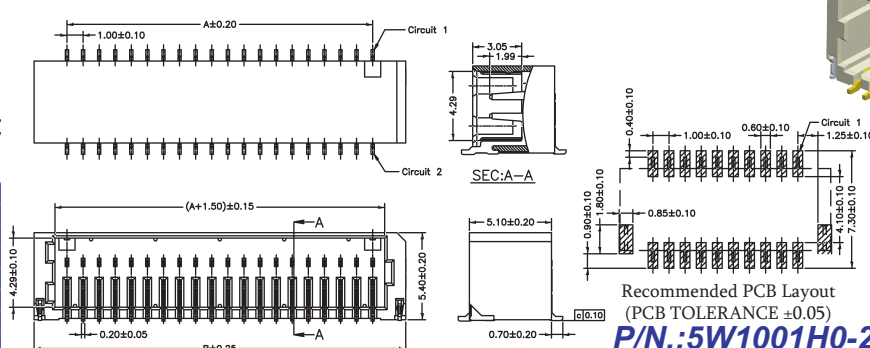
No. of Contacts	Dimensions		
	A	B	C
02	1.00	3.00	2.35
03	2.00	4.00	3.35
04	3.00	5.00	4.35
05	4.00	6.00	5.35
06	5.00	7.00	6.35
07	6.00	8.00	7.35
08	7.00	9.00	8.35
09	8.00	10.00	9.35
10	9.00	11.00	10.3
11	10.00	12.00	11.35
12	11.00	13.00	12.35
13	12.00	14.00	13.35
14	13.00	15.00	14.35
15	14.00	16.00	15.35
16	15.00	17.00	16.35
17	16.00	18.00	17.35
18	17.00	19.00	18.35
19	18.00	20.00	19.35
20	19.00	21.00	20.35
24	23.00	25.00	24.35



P/N.:5H1001NX-1XXWBL00*01
 0:W/O Ear 1:With Ear
 Optional



No. of Contacts	Dimensions
	A B
2x05	4.00 8.10
2x06	5.00 9.10
2x08	7.00 11.10
2x10	9.00 13.10
2x15	14.00 18.10
2x20	19.00 23.10
2x25	24.00 28.10



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)
P/N.:5W1001H0-2XXG0WHU*01
 Optional

ROHS

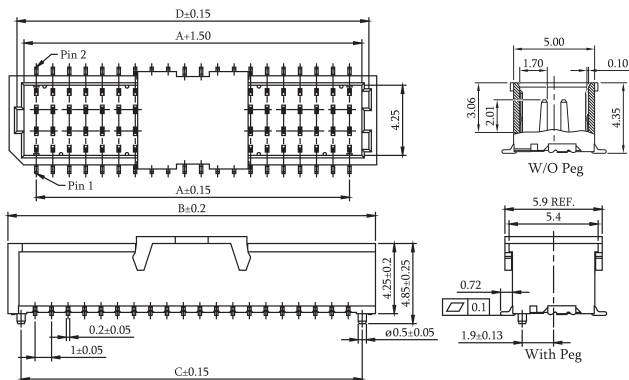
1.0mm 1001 Series Wafer SMT & SMT R/A Type

Specifications

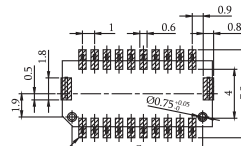
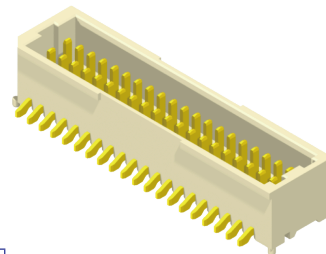
Current Rating: 1A AC, DC
 Voltage Rating: 50V AC, DC
 Temperature Range: -25°C to +85°C
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstanding Voltage: 500V AC/minute

Material

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



No. of Contacts	Dimensions			
	A	B	C	D
2×05	4.00	7.30	5.70	6.35
2×06	5.00	8.30	6.70	7.35
2×08	7.00	10.30	8.70	9.35
2×10	9.00	12.30	10.70	11.35
2×12	11.00	14.30	12.70	13.35
2×15	14.00	17.30	15.70	16.35
2×20	19.00	22.30	20.70	21.35
2×25	24.00	27.30	25.70	26.35



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

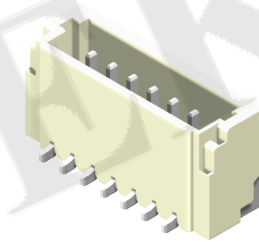
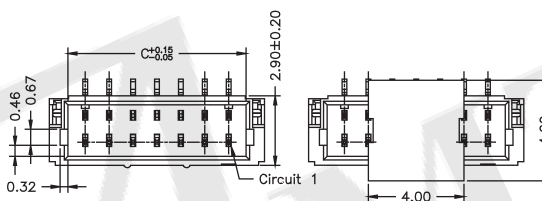
P/N.:5W1001GX-2XXXXXXU*01

0:W/O Peg 1:With Peg

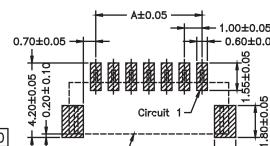
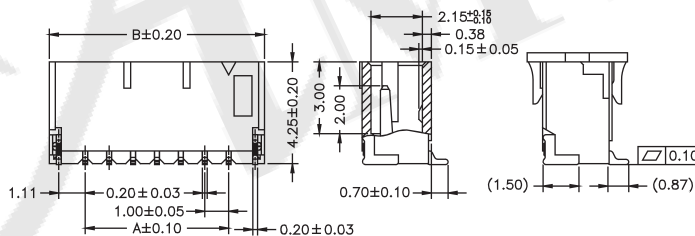
G0:Gold Flash SF:Selective 15u" T0:Tin Plated
 B:Black W:Nylon Nature

Optional

R:T/R With Cap(For Other Pin) M:T/R With Mylar(Only for 2x5 Pin)



No. of Contacts	Dimensions		
	A	B	C
02	1.00	4.00	2.45
03	2.00	5.00	3.45
04	3.00	6.00	4.45
05	4.00	7.00	5.45
06	5.00	8.00	6.45
07	6.00	9.00	7.45
08	7.00	10.00	8.45
09	8.00	11.00	9.45
10	9.00	12.00	10.45
11	10.00	13.00	11.45
12	11.00	14.00	12.45
13	12.00	15.00	13.45
14	13.00	16.00	14.45
15	14.00	17.00	15.45
16	15.00	18.00	16.45
17	16.00	19.00	17.45
18	17.00	20.00	18.45
19	18.00	21.00	19.45
20	19.00	22.00	20.45
24	23.00	26.00	24.45

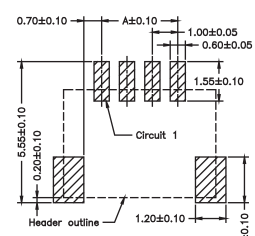
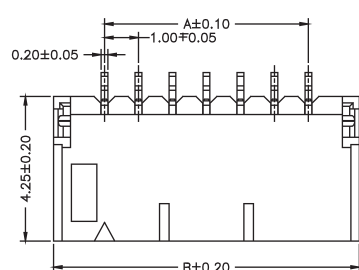


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

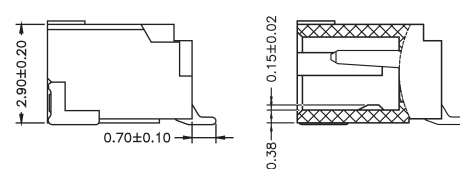
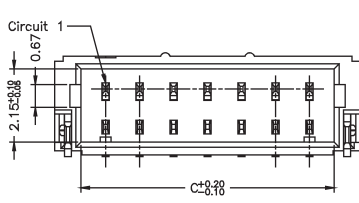
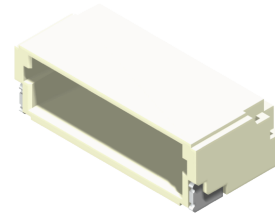
P/N.:5W1001G0-1XXXXWRU*01

G0:Gold Flash T0:Tin Plated

Optional



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5W1001H0-1XXXXWHU*01

G0:Gold Plated T0:Tin Plated

Optional

CONNECTORS MANUFACTURER

Old P/N.:1002 Series

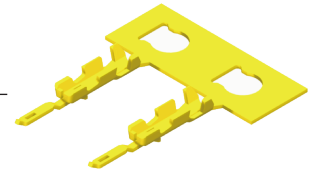
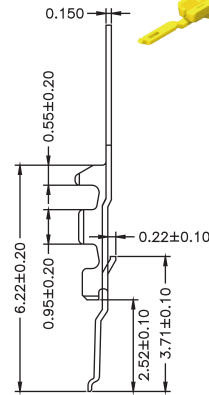
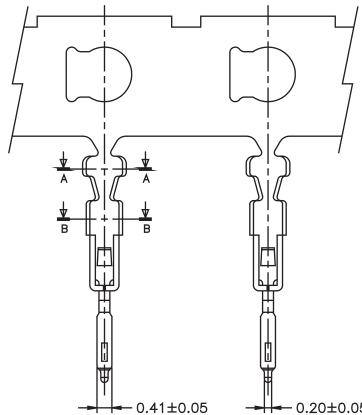
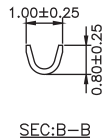
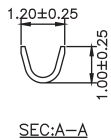
1.0mm 1002 Series Terminal / Housing / Wafer SMT R/A Type

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

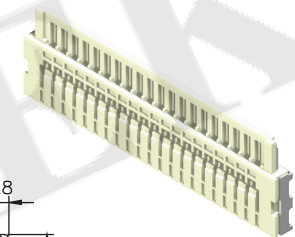
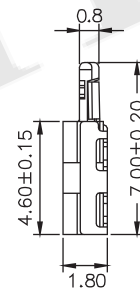
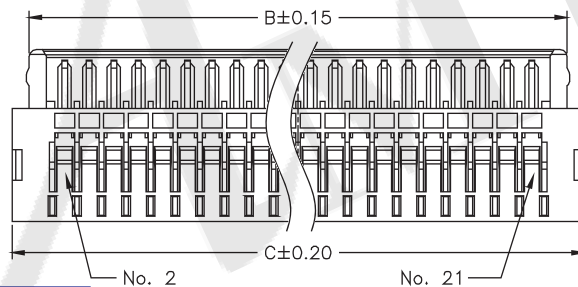
Material

Housing: Nylon 46, UL 94V-0
 Wafer: LCP, UL 94V-0
 Terminal: Phosphor Bronze / Gold Plated



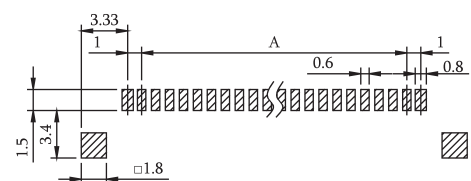
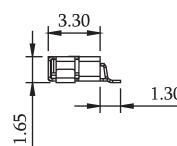
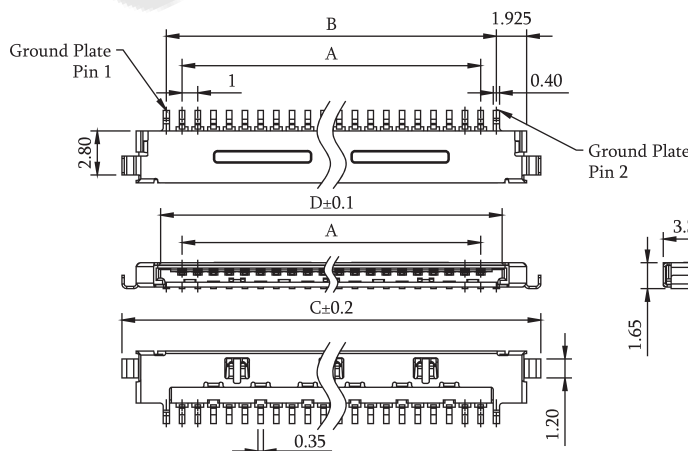
Wire Range	Insulation O.D.	Material	Finish
#28-#36	0.50mm(Max)	Phosphor Bronze	Gold/Tin Plated

P/N.:5T1002N-PXXR*01
 G0:Gold Flash T0:Tin Plated
 Optional

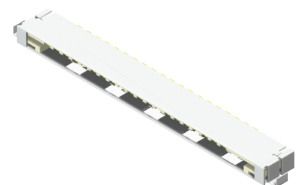


No. of Contacts	Dimensions		
	A	B	C
20	19.00	21.90	23.30
30	29.00	31.90	33.30

P/N.:5H1002N0-1XXWBU00*01
 Optional



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)



No. of Contacts	Dimensions			
	A	B	C	D
20	19.00	21.00	26.65	22.00
30	29.00	31.00	36.65	32.00

P/N.:5W1002H0-1XXG0WHU*01
 Optional

Housing Wafer Terminal

ROHS

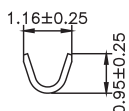
1.0mm 1003 Series Terminal / Housing / Wafer SMT R/A Type

Specifications

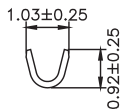
Current Rating: 1A AC, DC
 Voltage Rating: 100V AC, DC
 Temperature Range: -25°C to +85°C
 Contact Resistance: 30mΩ Max
 Insulation Resistance: 500MΩ Min
 Withstanding Voltage: 500V AC/minute

Material

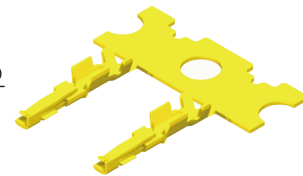
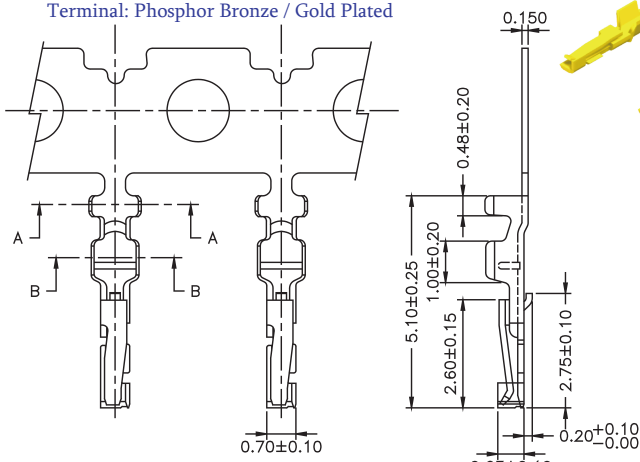
Housing: Nylon 66, UL 94V-0
 Wafer: LCP, UL 94V-0
 Terminal: Phosphor Bronze / Gold Plated



SEC:A-A



SEC:B-B



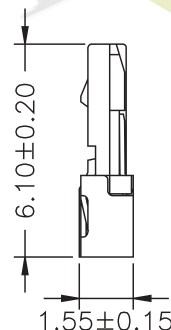
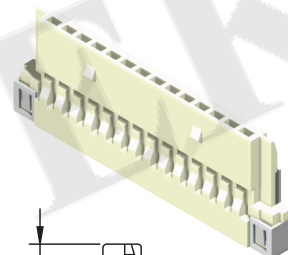
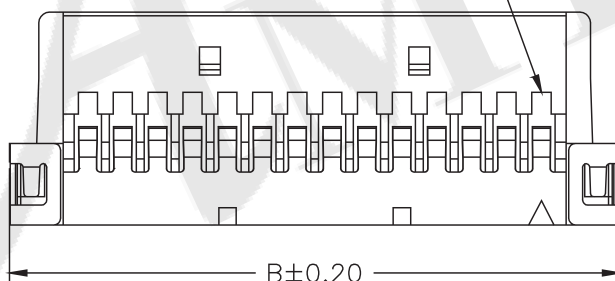
Wire Range	Insulation O.D.	Material	Finish
#28-#32	0.60mm(Max)	Phosphor Bronze	Gold Plated

P/N.:5T1003N-PG0R*01

Optional



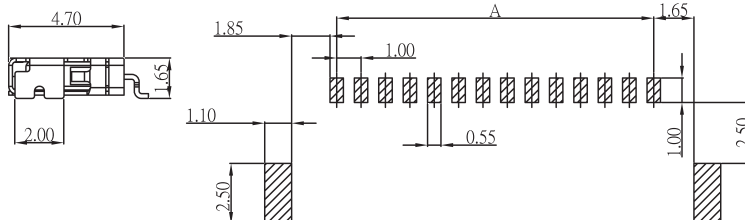
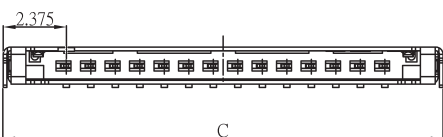
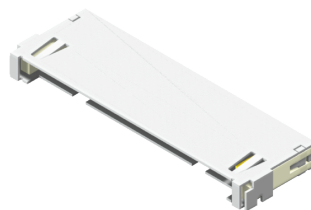
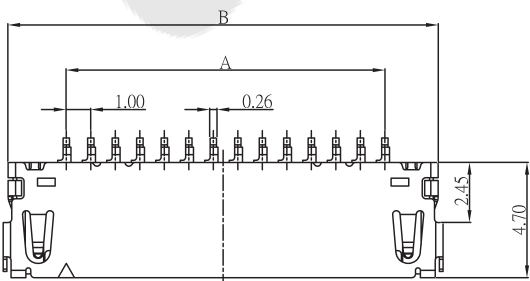
Circuit 1



No. of Contacts	Dimensions	
	A	B
08	7.00	11.50
14	13.00	17.50
20	19.00	23.50
30	29.00	33.50

P/N.:5H1003N0-1XXWTU00*01

Optional



No. of Contacts	Dimensions		
	A	B	C
08	7.00	11.55	11.95
14	13.00	17.55	17.95
20	19.00	23.55	23.95
30	29.00	33.55	33.95

Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

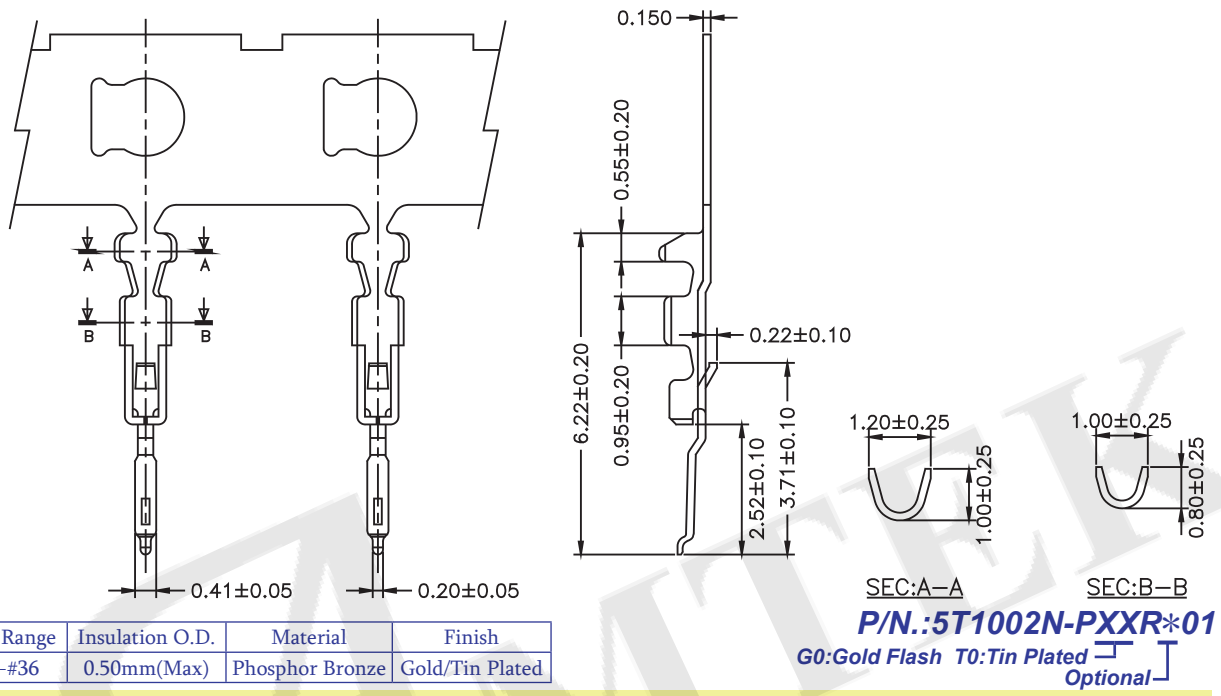
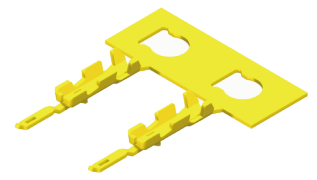
P/N.:5W1003H0-1XXG0WHU*01

Optional

1.0mm 1002 Series Terminal

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



Wire Range	Insulation O.D.	Material	Finish
#28-#36	0.50mm(Max)	Phosphor Bronze	Gold/Tin Plated

P/N.: 5T1002N-PXXR*01
G0: Gold Flash T0: Tin Plated
Optional

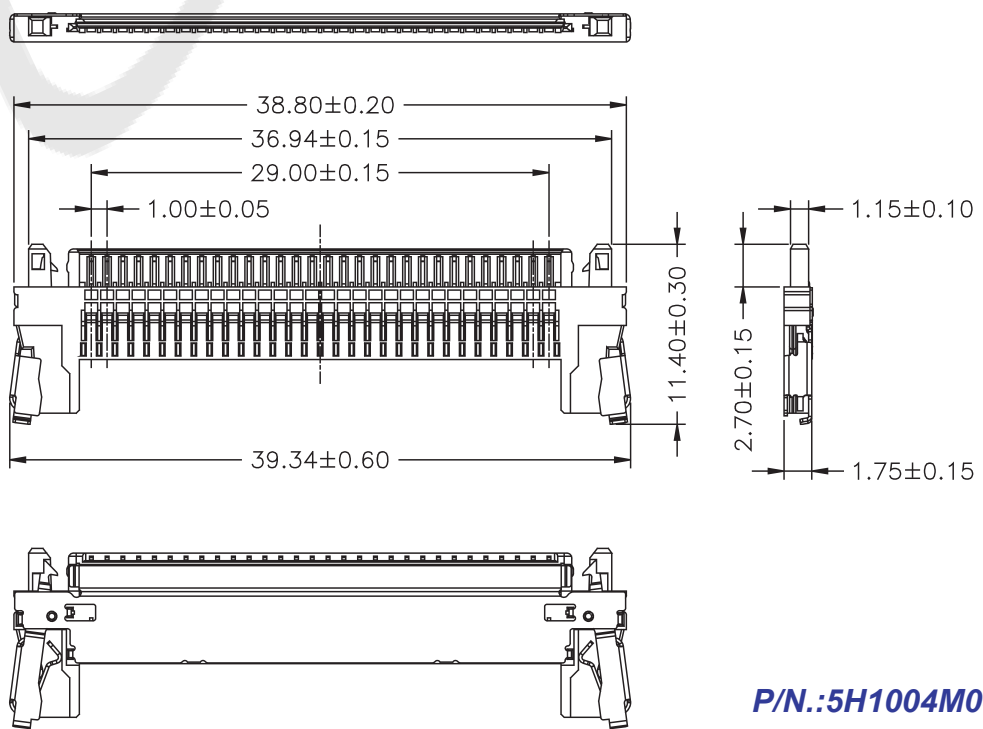
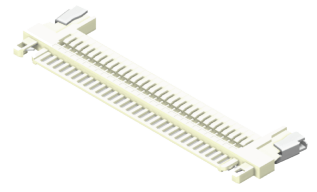
1.0mm 1004 Series Male Housing

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 46, UL 94V-0



P/N.: 5H1004M0-130WAU00*01
Optional

Housing Wafer Terminal

ROHS