

Board To Wire & Wire To Wire Connectors

3-23~3-26 • Housing Wafer Terminal 1.5mm



AMTEK Technology Co., Ltd

CONNECTORS MANUFACTURER

Old P/N.:1500 Series

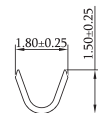
1.5mm 1500 Series Terminal / Housing / Wafer SMT & SMT R/A Type

Specifications

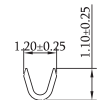
Current Rating: 1A AC, DC
Voltage Rating: 100V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 500V AC/minute

Material

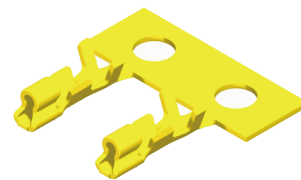
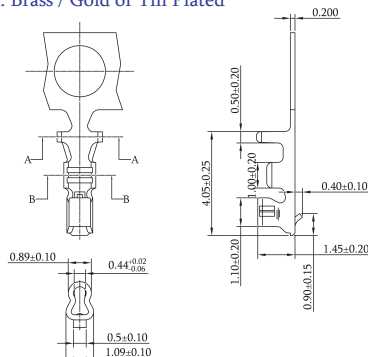
Housing: Nylon 66, UL 94V-0
Wafer: Nylon 6T, UL 94V-0
Terminal: Brass / Gold or Tin Plated



SECTION A-A



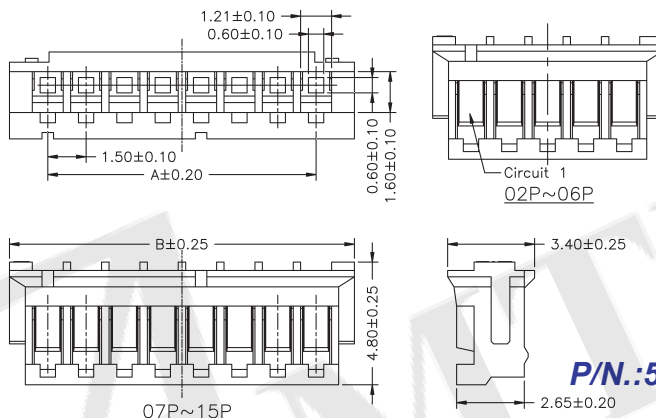
SECTION B-B



Wire Range	Insulation O.D.	Material	Finish
#26-#32	1.10mm(max)	Phosphor Bronze	Tin Plated

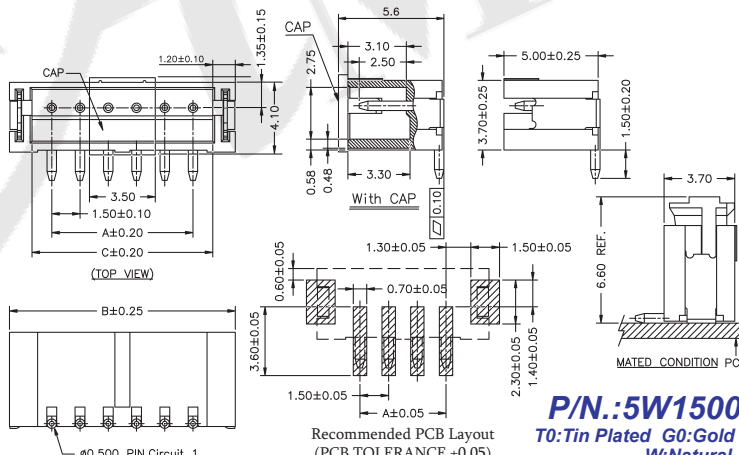
P/N.:5T1500N-PT0R*01
Optional

No. of Contacts	Dimensions	
	A	B
02	1.50	4.50
03	3.00	6.00
04	4.50	7.50
05	6.00	9.00
06	7.50	10.50
07	9.00	12.00
08	10.50	13.50
09	12.00	15.00
10	13.50	16.50
11	15.00	18.00
12	16.50	19.50
13	18.00	21.00



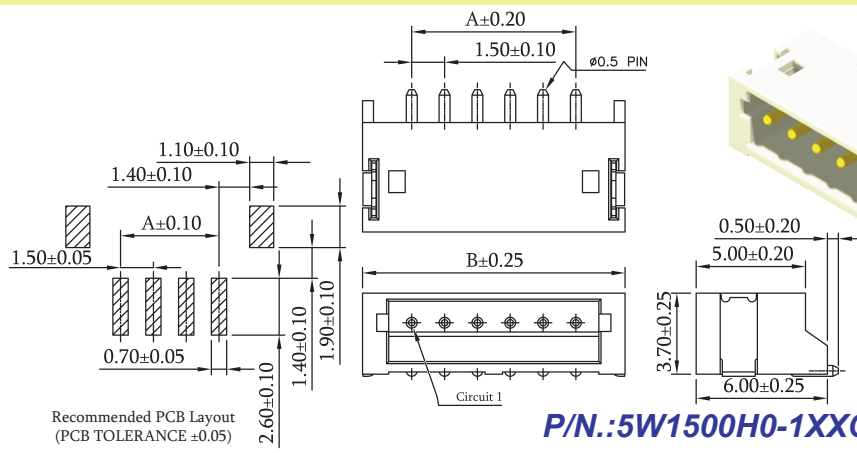
P/N.:5H1500N0-1XXXBL00*01
W:White R:Red Optional

No. of Contacts	Dimensions		
	A	B	C
02	1.50	6.00	3.60
03	3.00	7.50	5.10
04	4.50	9.00	6.60
05	6.00	10.50	8.10
06	7.50	12.00	9.60
07	9.00	13.50	11.10
08	10.50	15.00	12.60
09	12.00	16.50	14.10
10	13.50	18.00	15.60
11	15.00	19.50	17.10
12	16.50	21.00	18.60
13	18.00	22.50	20.10



P/N.:5W1500G0-1XXXXXRU*01
T0: Tin Plated G0: Gold Flash W: Natural B: Black R: Red Optional

No. of Contacts	Dimensions	
	A	B
02	1.50	6.00
03	3.00	7.50
04	4.50	9.00
05	6.00	10.50
06	7.50	12.00
07	9.00	13.50
08	10.50	15.00
09	12.00	16.50
10	13.50	18.00
11	15.00	19.50
12	16.50	21.00
13	18.00	22.50



P/N.:5W1500H0-1XXG0WHU*01
Optional

Housing Wafer Terminal

ROHS

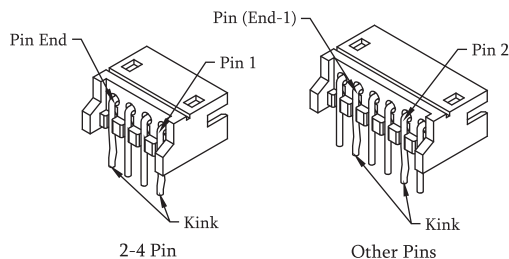
1.5mm 1500 Series Wafer Right Angle / Straight Type

Specifications

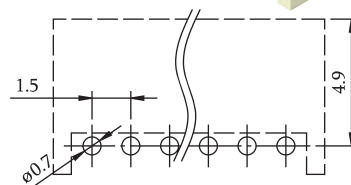
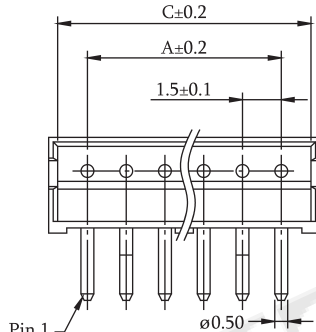
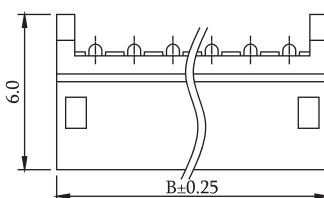
Current Rating: 1A AC, DC
Voltage Rating: 100V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 500MΩ Min
Withstanding Voltage: 500V AC/minute

Material

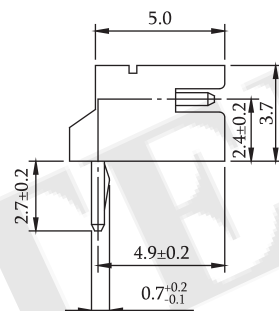
Wafer: Nylon 66, UL 94V-0
Terminal: Brass / Tin Plated



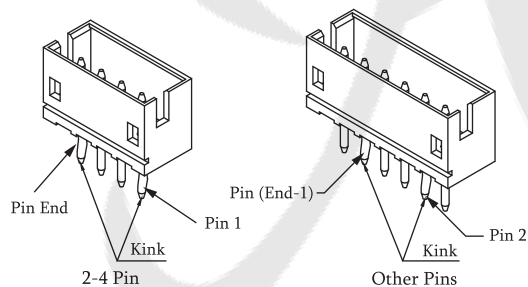
No. of Contacts	Dimensions		
	A	B	C
02	1.50	4.50	3.75
03	3.00	6.00	5.25
04	4.50	7.50	6.75
05	6.00	9.00	8.25
06	7.50	10.50	9.75
07	9.00	12.00	11.25
08	10.50	13.50	12.75
09	12.00	15.00	14.25
10	13.50	16.50	15.75
11	15.00	18.00	17.25
12	16.50	19.50	18.75
13	18.00	21.00	20.25



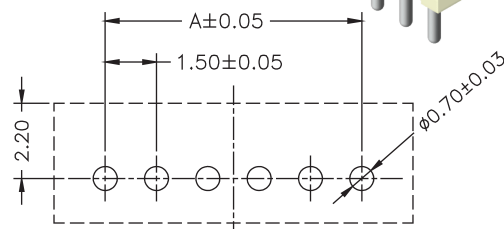
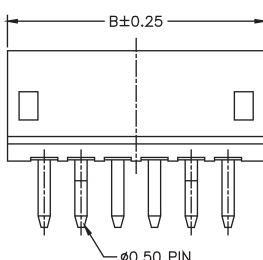
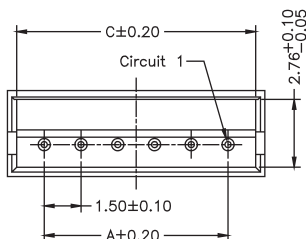
Recommended PCB Layout
(PCB TOLERANCE ±0.05)



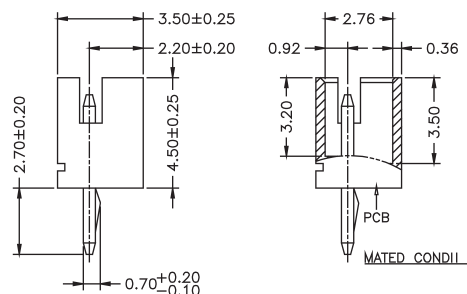
P/N.:5W1500R0-1XXT0WBL*01
Optional



No. of Contacts	Dimensions		
	A	B	C
02	1.50	4.50	3.75
03	3.00	6.00	5.25
04	4.50	7.50	6.75
05	6.00	9.00	8.25
06	7.50	10.50	9.75
07	9.00	12.00	11.25
08	10.50	13.50	12.75
09	12.00	15.00	14.25
10	13.50	16.50	15.75
11	15.00	18.00	17.25
12	16.50	19.50	18.75
13	18.00	21.00	20.25
15	21.00	24.00	23.25



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



P/N.:5W1500S0-1XXT0WBL*01
Optional

CONNECTORS MANUFACTURER

Old P/N.:1501 Series

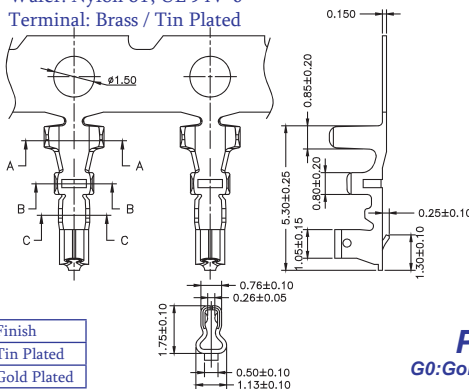
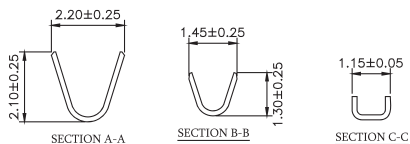
1.5mm 1501 Series Terminal / Housing / Wafer SMT & SMT R/A Type

Specifications

Current Rating: 3A AC, DC
Voltage Rating: 350V AC, DC
Temperature Range: -25°C to +85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 500V AC/minute

Material

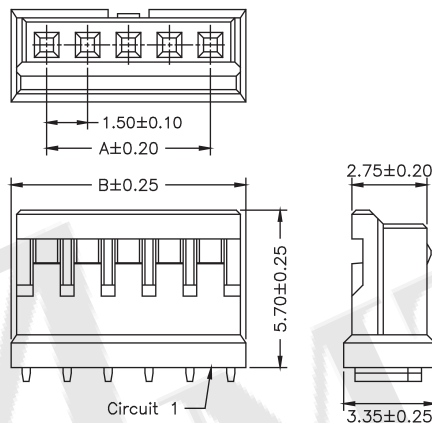
Housing: Nylon 66, UL 94V-0
Wafer: Nylon 6T, UL 94V-0
Terminal: Brass / Tin Plated



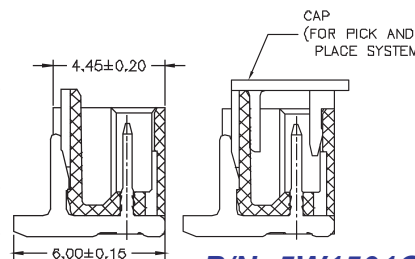
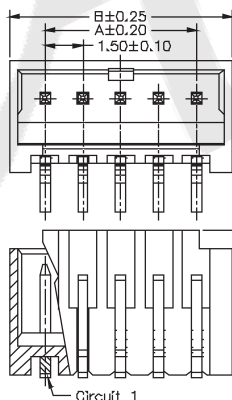
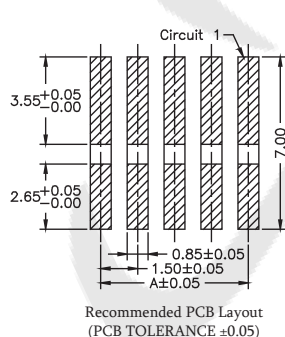
Part No.	Wire Range	Insulation O.D.	Material	Finish
5T1501N-PT0	#24-#28	1.10mm(Max)	Phosphor Bronze	Tin Plated
5T1501N-PG0				Gold Plated

P/N.:5T1501N-PXXR*01
G0:Gold Flash T0:Tin Plated Optional

No. of Contacts	Dimensions	
	A	B
02	1.50	4.10
03	3.00	5.60
04	4.50	7.10
05	6.00	8.60
06	7.50	10.10
07	9.00	11.60
08	10.50	13.10
09	12.00	14.60
10	13.50	16.10
11	15.00	17.60
12	16.50	19.10
13	18.00	20.60
14	19.50	22.10
15	21.00	23.60

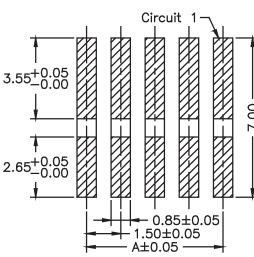
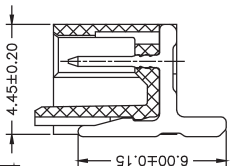
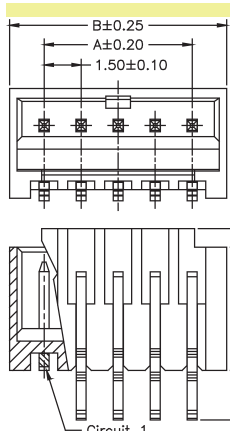


P/N.:5H1501N0-1XXWBL00*01
Optional



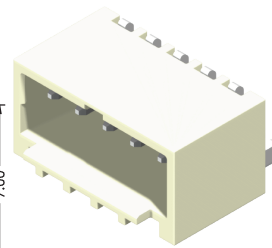
P/N.:5W1501G0-1XXXXWRU*01
G0:Gold Flash T0:Tin Plated Optional

No. of Contacts	Dimensions	
	A	B
02	1.50	4.30
03	3.00	5.80
04	4.50	7.30
05	6.00	8.80
06	7.50	10.30
07	9.00	11.80
08	10.50	13.30
09	12.00	14.80
10	13.50	16.30
11	15.00	17.80
12	16.50	19.30
13	18.00	20.80
14	19.50	22.30
15	21.00	23.80



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

P/N.:5W1501H0-1XXT0WHU*01
Optional



Housing Wafer Terminal

ROHS

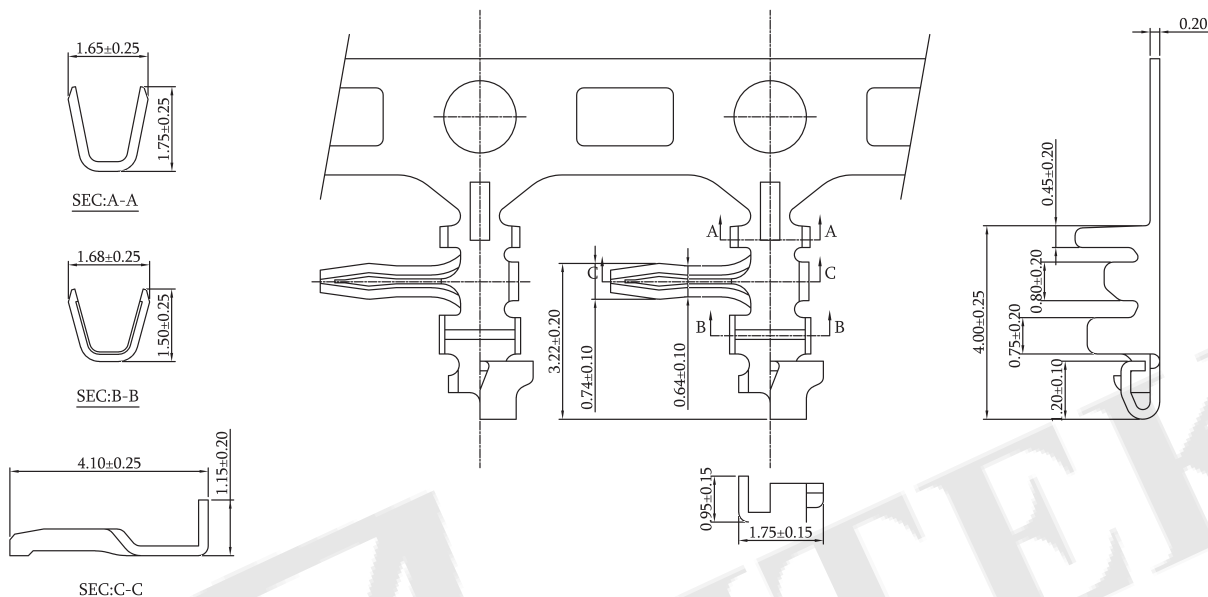
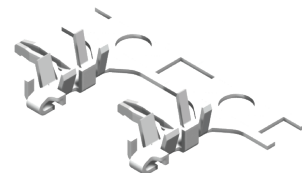
1.5mm 1502 Series Terminal / Housing

Specifications

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

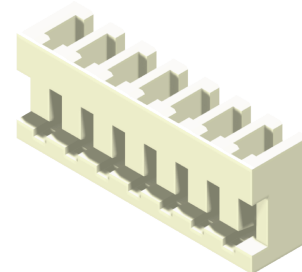
Material

Housing: Nylon 66, UL 94V-0

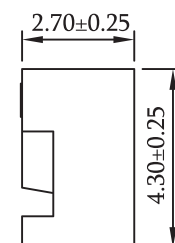
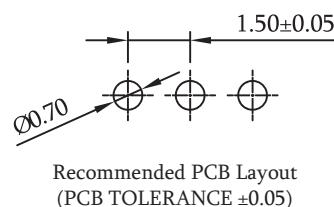
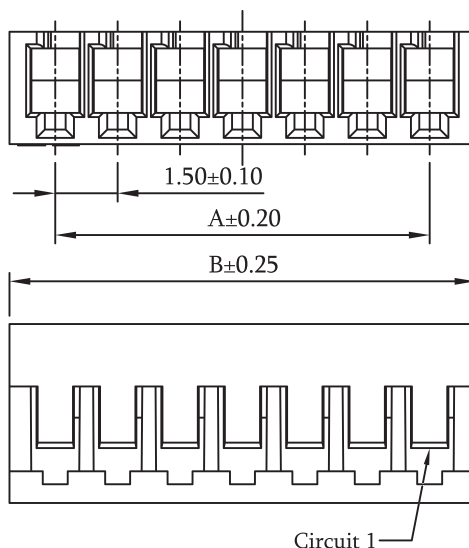


Wire Range	Insulation O.D.	Material	Finish
#28-#30	1.00mm(Max)	Brass	Tin Plated

P/N.:5T1502N-BT0R*01
Optional ☐



No. of Contacts	Dimensions	
	A	B
02	1.50	3.70
03	3.00	5.20
04	4.50	6.70
05	6.00	8.20
06	7.50	9.70
07	9.00	11.20
08	10.50	12.70
09	12.00	14.20
10	13.50	15.70
11	15.00	17.20
12	16.50	18.70
13	18.00	20.20
14	19.50	21.70
15	21.00	23.20



P/N.:5H1502N0-1XXWBL00*01
Optional ☐