

.100"(2.54mm) Pitch/Disconnectable Insulation Displacement Connectors

.100"(2.54mm) Connectors



.100" (2.54mm) Pitch 90° / 180° Wafer

Specifications:

Material And Finish:

Insulator: PBT/PA6T UL94V-0, Color: Black

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 3.0 Amp (22AWG)

Voltage Rating: 250V AC/DC

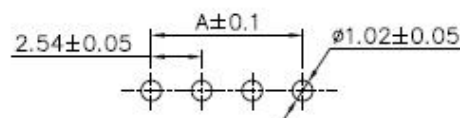
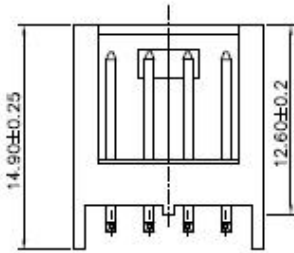
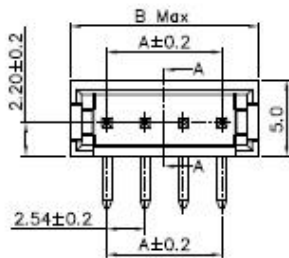
Operating Temperature Range: -40°~+105°C

Electrical:

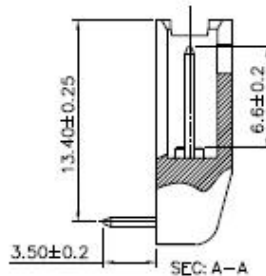
Contact resistance: 15m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute



Recommended PCB Layout



SEC: A-A

HJBRIGHT®

Ordering Information

A2543R-XXX-01-XA

1 2 3 4 5 6

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—A: Gold Flash

Q: Tin Plated

S: Matte Tin Plated

M: 15u" Gold on

contact; Tin on tail

A2: 30u" Gold on

contact; Tin on tail

5:—Material:

P: PBT

N: PA6T

6:—A: In Bag

Circuits	Dimension mm	
	A	B
02	2.54	7.7
04	7.62	12.7
06	12.70	17.8
08	17.78	22.9
09	20.32	25.4
10	22.86	28.0
12	27.94	33.1
15	35.56	40.7
22	53.34	58.5

Specifications:

Material And Finish:

Insulator: PBT/PA6T UL94V-0 Color: Black

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 3.0 Amp (22AWG)

Voltage Rating: 250V AC/DC

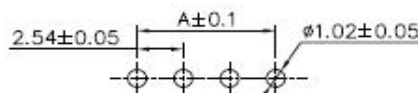
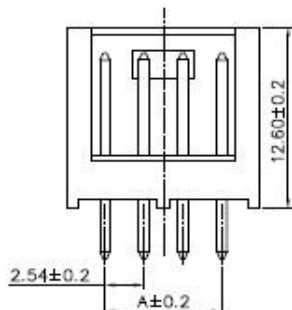
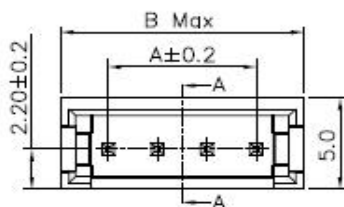
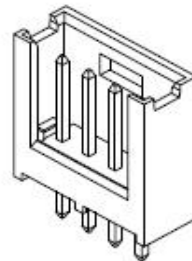
Operating Temperature Range: -40°~+105°C

Electrical:

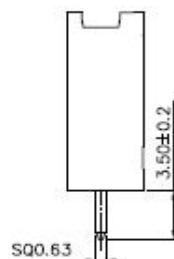
Contact resistance: 15m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute



Recommended PCB Layout



Ordering Information

A2543S-XXX-01-XA

1 2 3 4 5 6

1:—Series No.

2:—S: Straight Type

3:—No. of Positions

4:—A: Gold Flash

Q: Tin Plated

S: Matte Tin Plated

M: 15u" Gold on

contact; Tin on tail

A2: 30u" Gold on

contact; Tin on tail

5:—Material:

P: PBT

N: PA6T

6:—A: In Bag

Circuits	Dimension mm	
	A	B
02	2.54	7.7
04	7.62	12.7
06	12.70	17.8
08	17.78	22.9
09	20.32	25.4
10	22.86	28.0
12	27.94	33.1
15	35.56	40.7
22	53.34	58.5

东莞市华晶电子有限公司
<http://www.hjbright.com>

.100" (2.54mm) Pitch Housing / Terminal

Specifications:

Material:

Insulator:PBT UL94V-0 Color Black

Rating:

Current Rating:3 Amp(22AWG)

Voltage Rating:250V AC/DC

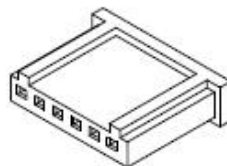
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance: 15m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute



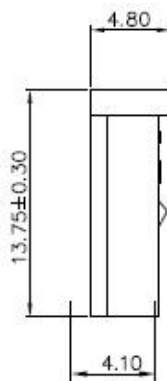
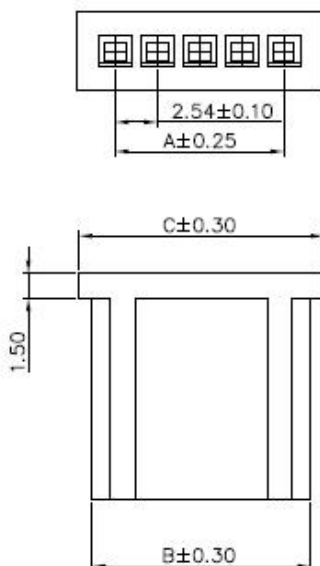
Ordering Information

H2543-XXP-A
1 2 3

1:—Series No.

2:—No. of Positions

3:—A:In Bag



No.	Dimension(mm)		
	A	B	C
02P	2.54	5.60	7.20
03P	5.08	8.14	9.74
04P	7.62	10.68	12.28
05P	10.16	13.22	14.82
06P	12.70	15.76	17.36
07P	15.24	18.30	19.90
08P	17.78	20.84	22.44
09P	20.32	23.38	24.98
10P	22.86	25.92	27.52
11P	25.40	28.46	30.06
12P	27.94	31.00	32.60
13P	30.48	33.54	35.14
14P	33.02	36.08	37.68
15P	35.56	38.62	40.22
16P	38.10	41.16	42.76
17P	40.64	43.70	45.30
18P	43.18	46.24	47.84
19P	45.72	48.78	50.38
20P	48.26	51.32	52.92
21P	50.80	53.86	55.46
22P	53.34	56.40	58.00

Specifications:

Material:Phosphor Bronze

Rating:

Current Rating:3 Amp(22AWG)

Voltage Rating:250V AC/DC

Electrical:

Contact resistance:15m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1000V AC/Minute

Wire Range:AWG #20-#26



Ordering Information

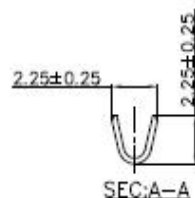
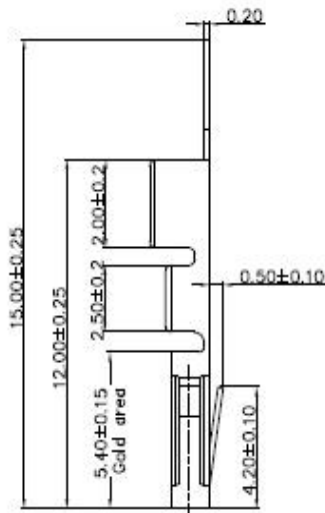
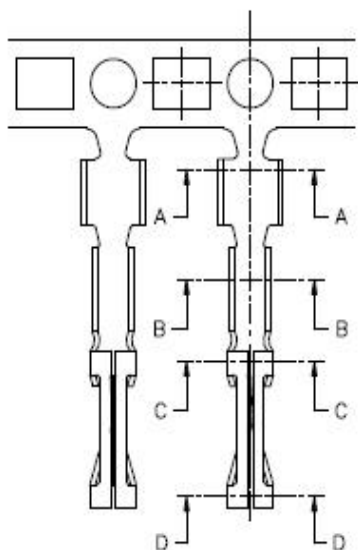
H2543T-PX
1 2 3

1:—Series No.

2:—Terminal

3:—A:Gold flash

Q:Tin Plated



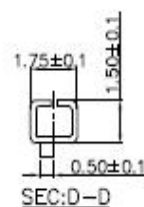
SEC:A-A



SEC:B-B



SEC:C-C



SEC:D-D