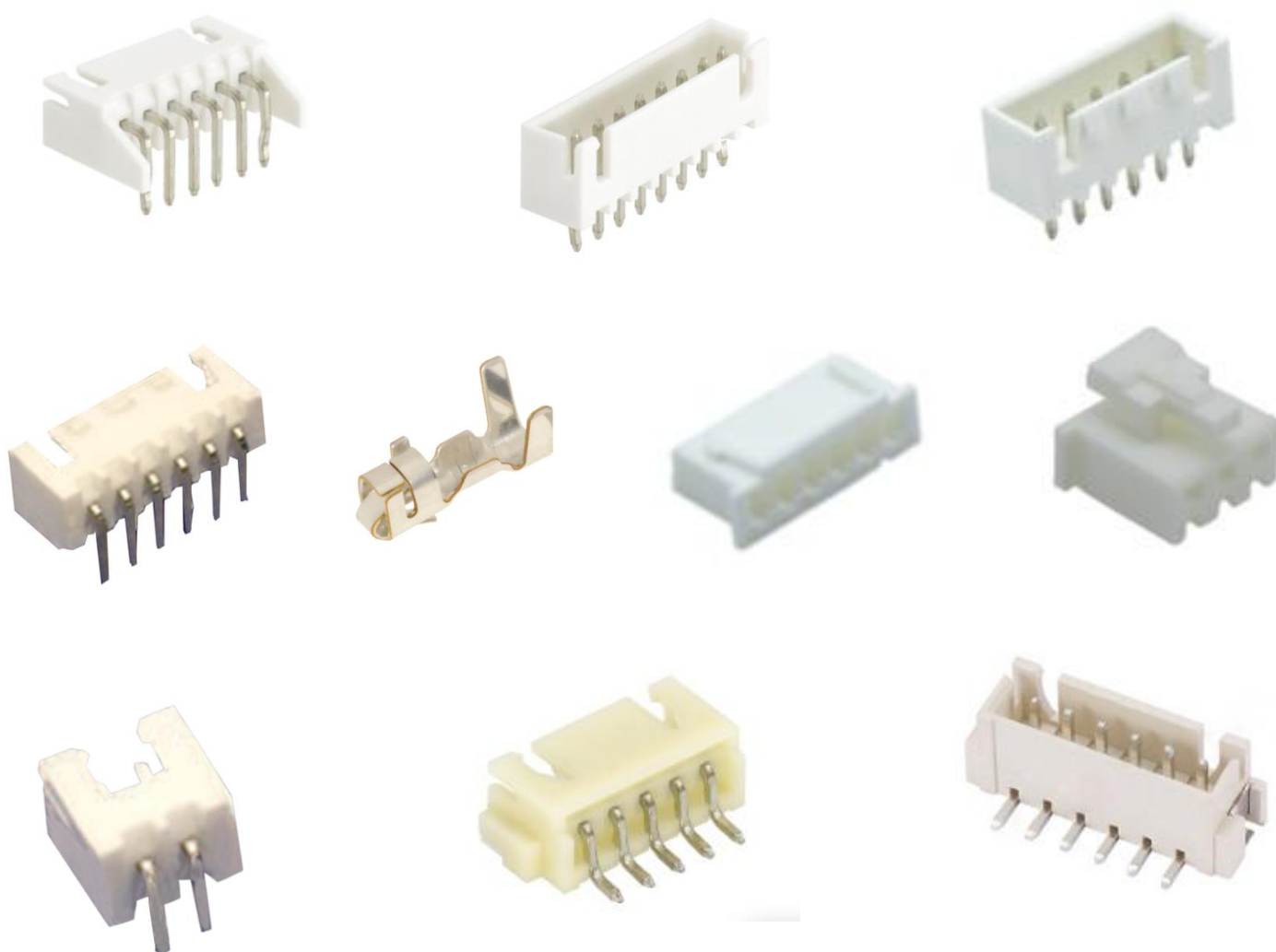


.098" (2.50mm) Pitch/Disconnectable Insulation Displacement Connectors

.098" (2.50mm) Connectors



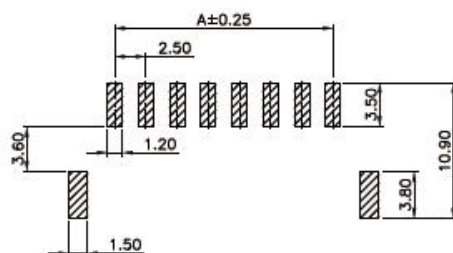
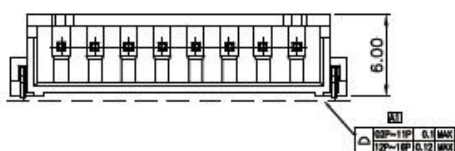
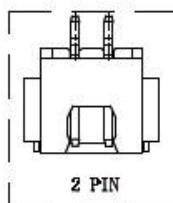
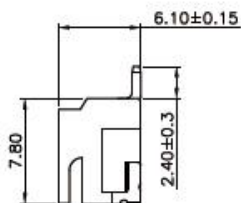
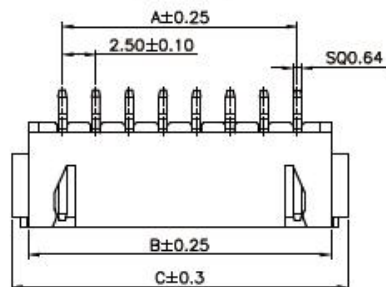
.098" (2.50mm) Pitch SMT Wafer

Specifications:
 Material And Finish:
 Insulator:LCP UL94V-0 COLOR:NATURAL
 Contact:Brass
 Solder tabs:Brass
 Plated:Tin Plated Over Ni
 Rating:
 Current Rating:3.0 Amp(22AWG)
 Voltage Rating:250V AC/DC
 Operating Temperature Range:-40°~+125°C
 Electrical:
 Contact resistance:10m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:1000V AC/Minute



Ordering Information
 A2501H-XXX-01-G
 1 2 3 4 5

1:— Series No.
 2:—H:Horizontal SMT Type
 3:—No. of Positions
 4:—Q: Tin Plated
 S:Matte Tin Plated
 5:—G:In Tape&Reel



Recommended PCB Layout

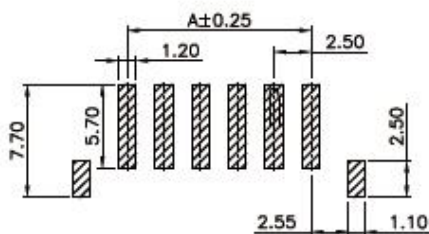
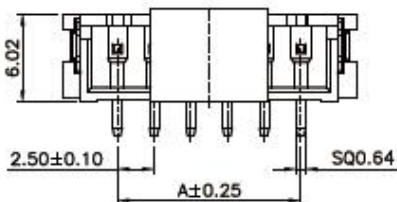
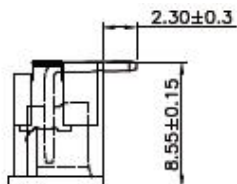
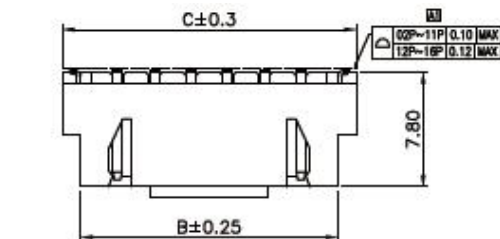
Poles	Dimensions(mm)		
	A	B	C
02P	2.50	7.50	10.00
03P	5.00	10.00	12.50
04P	7.50	12.50	15.00
05P	10.00	15.00	17.50
06P	12.50	17.50	20.00
07P	15.00	20.00	22.50
08P	17.50	22.50	25.00
09P	20.00	25.00	27.50
10P	22.50	27.50	30.00
11P	25.00	30.00	32.50
12P	27.50	32.50	35.00
13P	30.00	35.00	37.50
14P	32.50	37.50	40.00
15P	35.00	40.00	42.50
16P	37.50	42.50	45.00

Specifications:
 Material And Finish:
 Insulator:LCP UL94V-0 COLOR:NATURAL
 Contact:Brass
 Solder tabs:Brass
 Plated:Tin Plated Over Ni
 Rating:
 Current Rating:3.0 Amp(22AWG)
 Voltage Rating:250V AC/DC
 Operating Temperature Range:-40°~+125°C
 Electrical:
 Contact resistance:10m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:1000V AC/Minute



Ordering Information
 A2501M-XXX-01-F
 1 2 3 4 5

1:— Series No.
 2:—M:SMT Type
 3:—No. of Positions
 4:—Q: Tin Plated
 S:Matte Tin Plated
 5:—F:In Cap Tape&Reel



Recommended PCB Layout

Poles	Dimensions(mm)		
	A	B	C
02P	2.50	7.50	10.00
03P	5.00	10.00	12.50
04P	7.50	12.50	15.00
05P	10.00	15.00	17.50
06P	12.50	17.50	20.00
07P	15.00	20.00	22.50
08P	17.50	22.50	25.00
09P	20.00	25.00	27.50
10P	22.50	27.50	30.00
11P	25.00	30.00	32.50
12P	27.50	32.50	35.00
13P	30.00	35.00	37.50
14P	32.50	37.50	40.00
15P	35.00	40.00	42.50
16P	37.50	42.50	45.00

Specifications:

Material And Finish:

Insulator: Nylon 66 UL94V-0

Insulator Color: Natural(White)

Contact: Brass

Plated: Tin Plated Over Ni

Rating:

Current Rating: 3.0 Amp 22AWG

Voltage Rating: 250V AC/DC

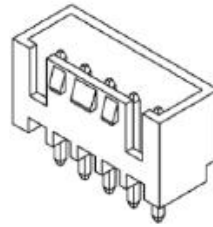
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute



Ordering Information

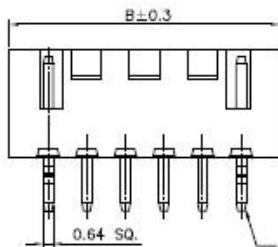
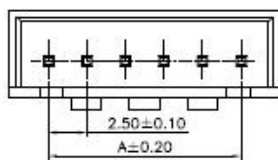
A2501AS-XXQ-01-XA

1 2 3 4 5 6

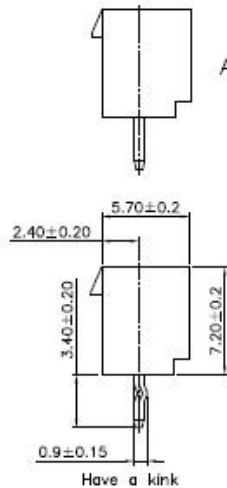
- 1:—Series No.
2:—S: Straight Type
3:—No. of Positions
4:—Q: Tin Plated
5:—A: A Type
B: B Type
6:—A: In Bag

Ordering Information & Dimensions

NO.	Dimensions	
	A	B
2P	2.50	7.60
3P	5.00	10.10
4P	7.50	12.60
5P	10.00	15.10
6P	12.50	17.60
7P	15.00	20.10
8P	17.50	22.60
9P	20.00	25.10
10P	22.50	27.60
11P	25.00	30.10
12P	27.50	32.60
13P	30.00	35.10
14P	32.50	37.60
15P	35.00	40.10
16P	37.50	42.60
17P	40.00	45.10
18P	42.50	47.60
19P	45.00	50.10
20P	47.50	52.60

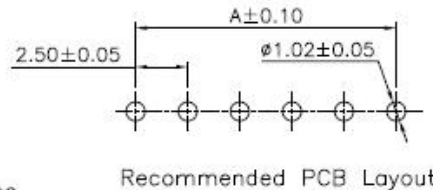


Circuit 1



A Type

B Type



Recommended PCB Layout

Specifications:

Material And Finish:

Insulator: Nylon 66 UL94V-0

Insulator Color: Natural(White)

Contact: Brass

Plated: Tin Plated Over Ni

Rating:

Current Rating: 3.0 Amp 22AWG

Voltage Rating: 250V AC/DC

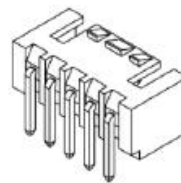
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute

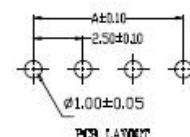
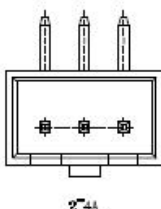
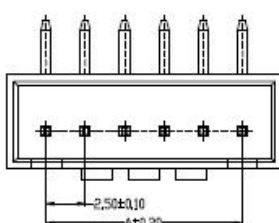
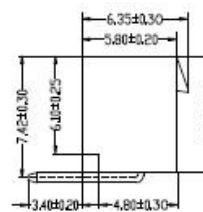
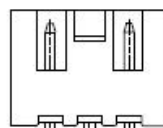
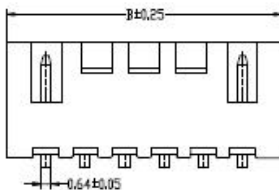


Ordering Information

A2501AR-XXQ-01-X

1 2 3 4 5

- 1:—Series No.
2:—R: R/A Type
3:—No. of Positions
4:—Q: Tin Plated
5:—A: In Bag
B: In Tube



PCB LAYOUT

Circuits	Dimensions(mm)	
	A	B
02	2.50	7.50
03	5.00	10.00
04	7.50	12.50
05	10.00	15.00
06	12.50	17.50
07	15.00	20.00
08	17.50	22.50
09	20.00	25.00
10	22.50	27.50
11	25.00	30.00
12	27.50	32.50
20	47.50	52.50

.098" (2.50mm) Pitch 90° / 180° Wafer

Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0

Insulator Color:Natural(White)

Contact:Brass

Plated:Tin Plated Over Ni

Rating:

Current Rating:3.0 Amp 22AWG

Voltage Rating:250V AC/DC

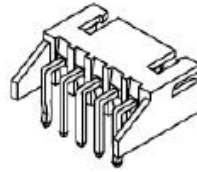
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:500V AC/Minute



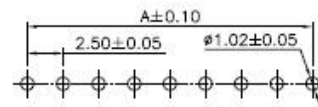
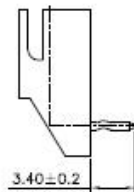
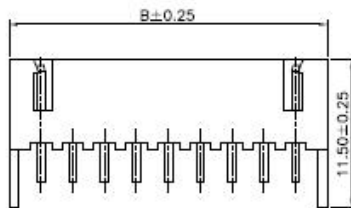
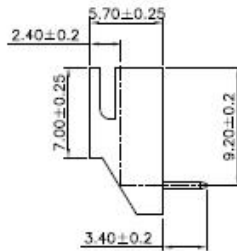
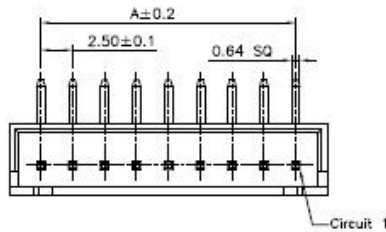
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Ordering Information

A2501R-XXQ-02-XA

1 2 3 4 5 6

- 1:—Series No.
- 2:—R:R/A Type
- 3:—No. of Positions
- 4:—Q: Tin Plated
- 5:—A:A Type
B:B Type
- 6:—A: In bag



Recommended PCB Layout

Poles	Dimensions(mm)	
	A	B
02P	/	7.60
03P	5.00	10.10
04P	7.50	12.60
05P	10.00	15.10
06P	12.50	17.60
07P	15.00	20.10
08P	17.50	22.60
09P	20.00	25.10
10P	22.50	27.60
11P	25.00	30.10
12P	27.50	32.60
13P	30.00	35.10
14P	32.50	37.60
15P	35.00	40.10
16P	37.50	42.60
17P	40.00	45.10
18P	42.50	47.60
19P	45.00	50.10
20P	47.50	52.60

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0

Insulator Color:Natural(White)

Contact:Brass

Plated:Tin Plated Over Ni

Rating:

Current Rating:3.0 Amp 22AWG

Voltage Rating:250V AC/DC

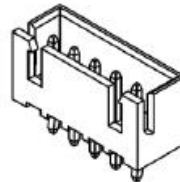
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1000V AC/Minute

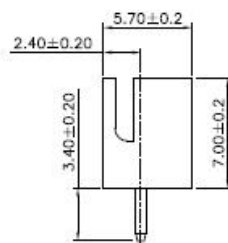
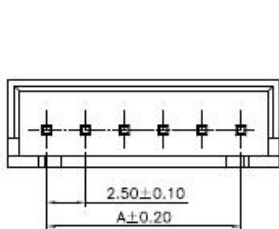


Ordering Information

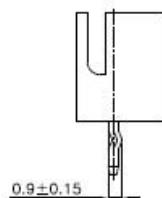
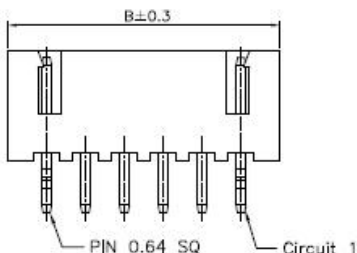
A2501S-XXX-01-XA

1 2 3 4 5 6

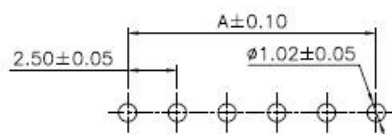
- 1:—Series No.
- 2:—S: Straight Type
- 3:—No. of Positions
- 4:—A: Gold Flash
Q: Tin Plated
- 5:—A:A Type
B:B Type
- 6:—A: In Bag



A Type



B Type



Recommended PCB Layout

Poles	Dimensions(mm)	
	A	B
02P	/	7.60
03P	5.00	10.10
04P	7.50	12.60
05P	10.00	15.10
06P	12.50	17.60
07P	15.00	20.10
08P	17.50	22.60
09P	20.00	25.10
10P	22.50	27.60
11P	25.00	30.10
12P	27.50	32.60
13P	30.00	35.10
14P	32.50	37.60
15P	35.00	40.10
16P	37.50	42.60
17P	40.00	45.10
18P	42.50	47.60
19P	45.00	50.10
20P	47.50	52.60

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.098" (2.50mm) Pitch 90° Wafer / Housing

Specifications:

Material And Finish:

Insulator: Nylon 66 UL94V-0

Insulator Color: Natural (White)

Contact: Brass

Plated: Tin Plated Over Ni

Rating:

Current Rating: 3.0 Amp 22AWG

Voltage Rating: 250V AC/DC

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

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

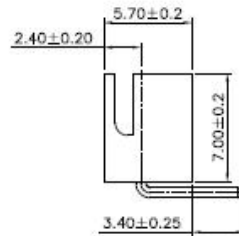
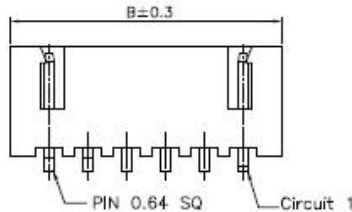
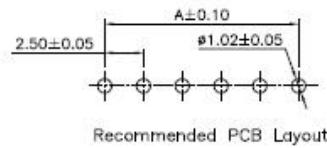
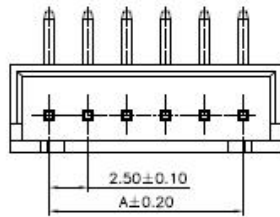
Withstanding Voltage: 1000V AC/Minute



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Ordering Information
A2501R-XXQ-01-A
1 2 3 4 5

- 1:—Series No.
2:—S: Straight Type
3:—No. of Positions
4:—Q: Tin Plated
5:—A: In Bag



Poles	Dimensions(mm)	
	A	B
02P	/	7.60
03P	5.00	10.10
04P	7.50	12.60
05P	10.00	15.10
06P	12.50	17.60
07P	15.00	20.10
08P	17.50	22.60
09P	20.00	25.10
10P	22.50	27.60
11P	25.00	30.10
12P	27.50	32.60
13P	30.00	35.10
14P	32.50	37.60
15P	35.00	40.10
16P	37.50	42.60
17P	40.00	45.10
18P	42.50	47.60
19P	45.00	50.10
20P	47.50	52.60

Specifications:

Material And Finish:

Insulator: Nylon 66 UL94V-0

Rating:

Current Rating: 3.0 Amp

Voltage Rating: 250V AC/DC

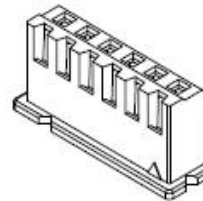
Operating Temperature Range: -40°~+105°C

Electrical:

Contact resistance: 10m Ohm Max

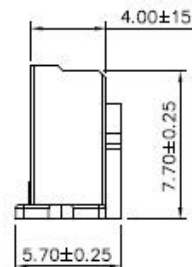
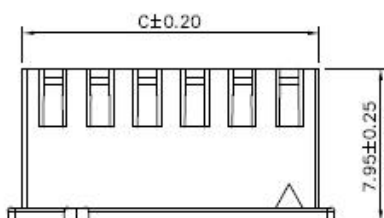
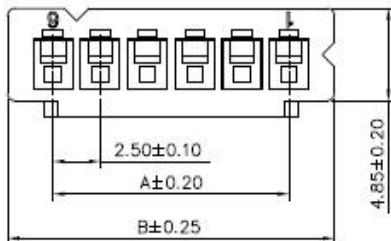
Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute



Ordering Information
H2501-XXP-01-XA
1 2 3 4

- 1:—Series No.
2:—No. of Positions
3:—N: Natural
B: Black
R: Red
L: Blue
Y: Yellow
4:—A: In Bag



Poles	Dimensions(mm)		
	A	B	C
02P	/	7.30	5.70
03P	5.00	9.80	8.20
04P	7.50	12.30	10.70
05P	10.00	14.80	13.20
06P	12.50	17.30	15.70
07P	15.00	19.80	18.20
08P	17.50	22.30	20.70
09P	20.00	24.80	23.20
10P	22.50	27.30	25.70
11P	25.00	29.80	28.20
12P	27.50	32.30	30.70
13P	30.00	34.80	33.20
14P	32.50	37.30	35.70
15P	35.00	39.80	38.20
16P	37.50	42.30	40.70

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.098" (2.50mm) Pitch Housing / Terminal

Specifications:

Material:

Insulator: PA66 UL94V-0 Color: Natural

Rating:

Current Rating: 3.0 Amp (22AWG)

Voltage Rating: 250V AC/DC

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

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute

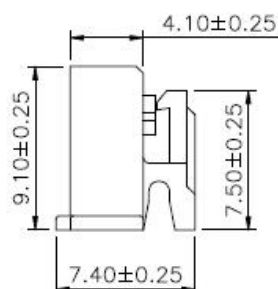
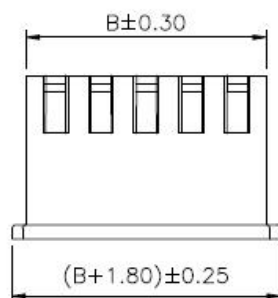
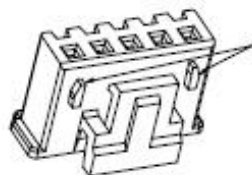
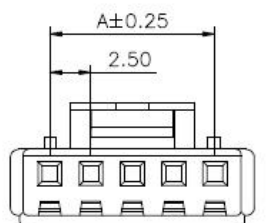


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Ordering Information

H2501A-XXP-01-A

- 1: — Series No.
2: — No. of Positions
3: — A: In Bag



Poles	Dimension mm	
	A	B
02	2.5	5.7
03	5.0	8.2
04	7.5	10.7
05	10.0	13.2
06	12.5	15.7
07	15.0	18.2
08	17.5	20.7
09	20.0	23.2
10	22.5	25.7
11	25.0	28.2
12	27.5	30.7
13	30.0	33.2
14	32.5	35.7
15	35.0	38.2
16	37.5	40.7

Specifications:

Material: Phosphor Bronze

Wire Sizes: AWG#22~30#

Insulation O.D.: 1.90mm (max)

Plating: Tin Plated

Rating:

Current Rating: 3.0 Amp (22AWG)

Voltage Rating: 250V AC/DC

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

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1000V AC/Minute

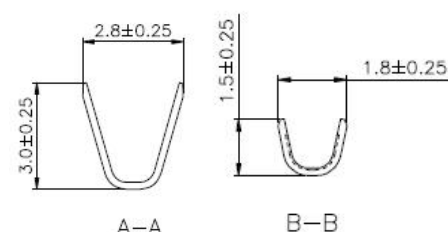
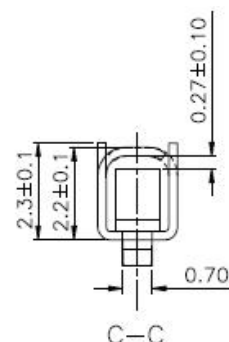
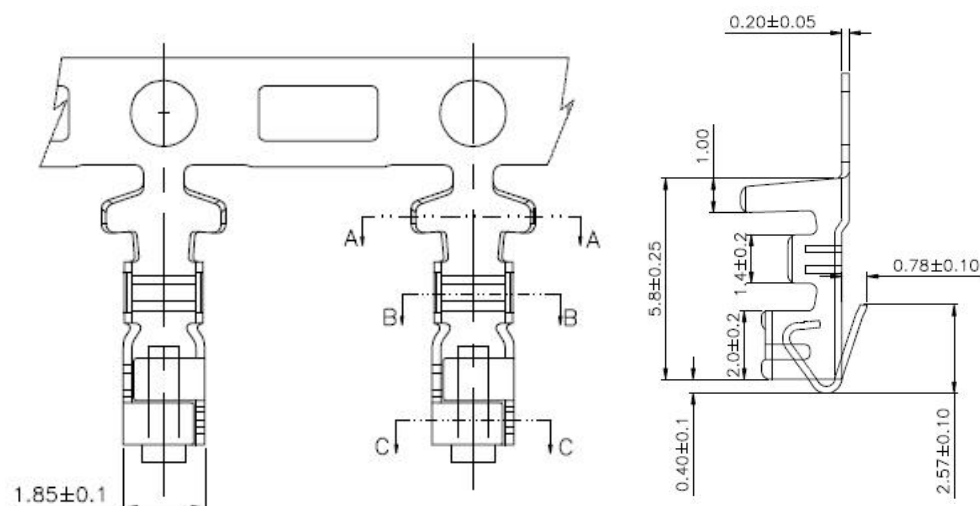


Ordering Information

H2501T-PX

1 2 3

- 1: — Series No.
2: — T: Terminal
3: — Q: Plated Tin
A: Gold flash



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