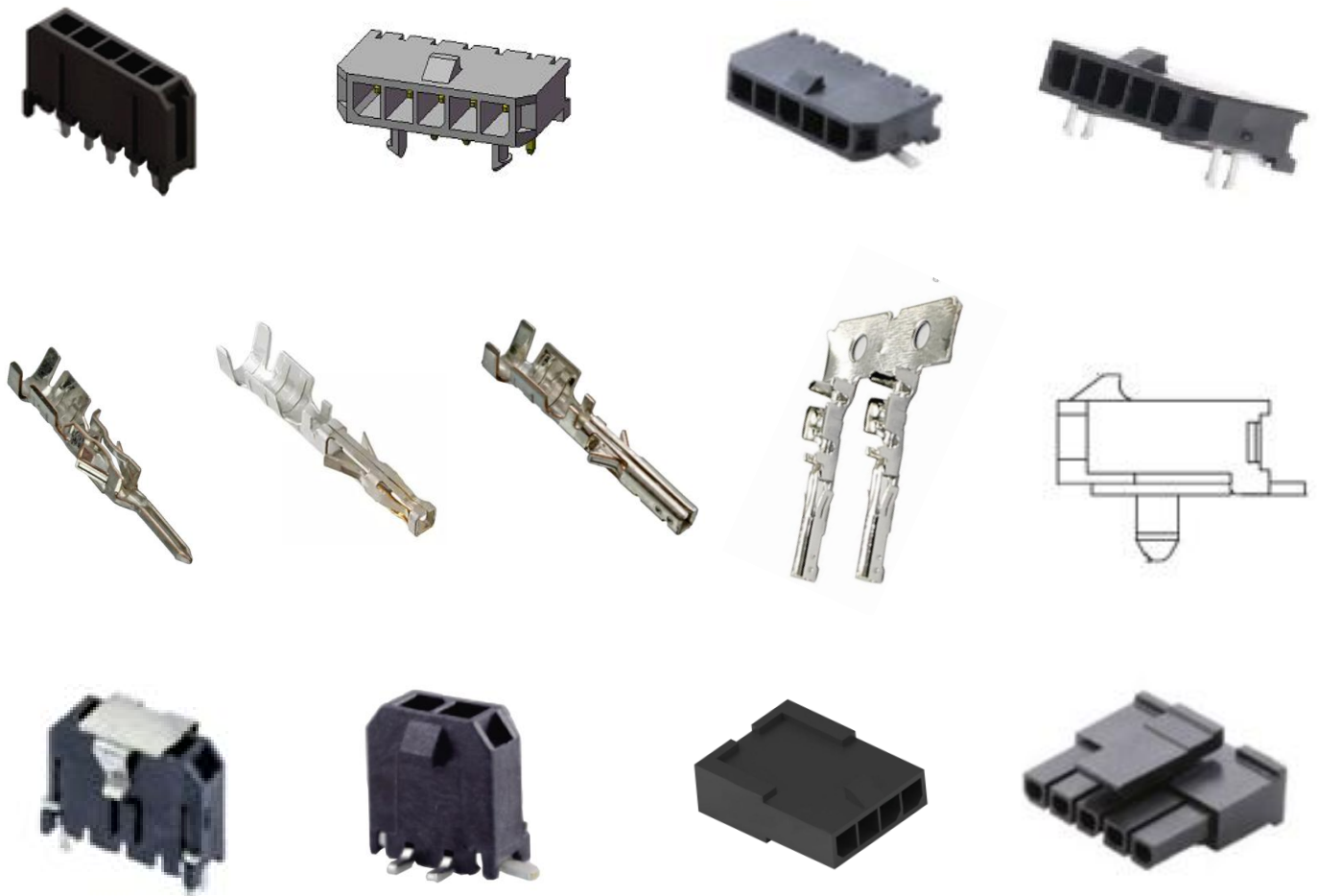


.118"(3.00mm) Pitch/Disconnectable Insulation Displacement Connectors

.118"(3.00mm) Connectors



.118" (3.00mm) Pitch 90° / 180° Wafer

Specifications:

Material And Finish:

Insulator: Nylon 6T UL94V-0 Color: Black

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 8.5 Amp (2P/18AWG)

Voltage Rating: 600V AC/DC

Operating Temperature Range: -40°~+125°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1500V AC/Minute

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Ordering Information

A3001R-XXX-01-C

1 2 3 4 5

1:— Series No.

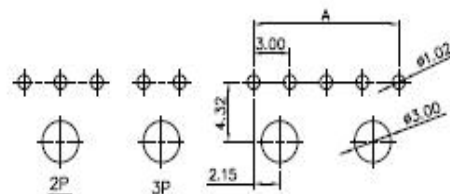
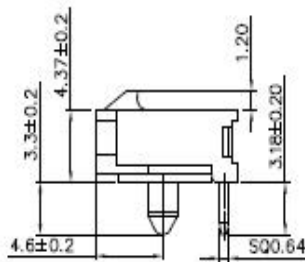
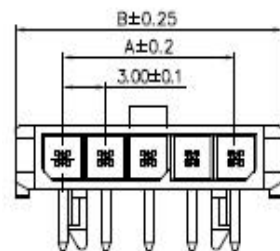
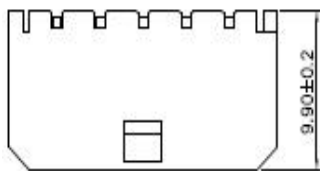
2:— R:R/A Type

3:— No. of Positions

4:— Q: Tin Plated

A1: Gold flash on
contact; Tin on tail

5:— C: In Tray



Recommended PCB Layout

CIRCUITS	DIM.A	DIM.B
2	3.00	9.65
3	6.00	12.65
4	9.00	15.65
5	12.00	18.65
6	15.00	21.65
7	18.00	24.65
8	21.00	27.65
9	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

Specifications:

Material And Finish:

Insulator: PA6T UL94V-0 Color: Black

Contact: Brass

Plated: See Ordering Information

Rating:

Current Rating: 8.5 Amp Max (2P/18AWG)

Voltage Rating: 600V AC/DC

Operating Temperature Range: -40°~+125°C

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1500V AC/Minute

Ordering Information

A3001S-XXX-XX-A

1 2 3 4 5 6

1:— Series No.

2:— S: Straight Type

3:— No. of Positions

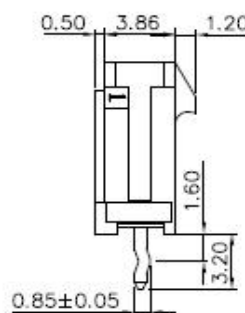
4:— Q: Tin Plated

A1: Gold flash on
contact; Tin on tail

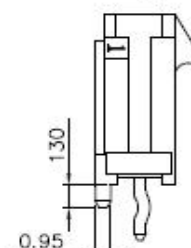
5:— 01: A Type

02: B Type

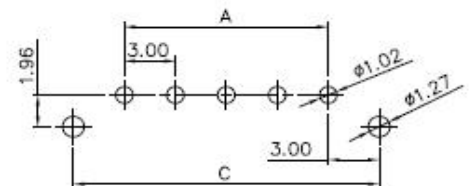
6:— A: In Bag



A Type

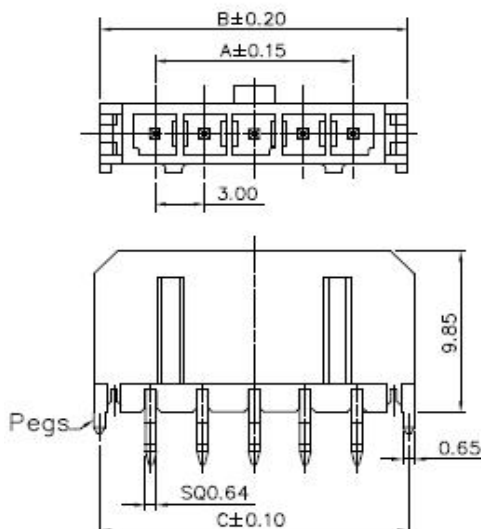


B Type



Recommended PCB Layout

CIRCUITS	DIM.A	DIM.B	DIM.C
2	3.00	9.65	9.0
3	6.00	12.65	12.0
4	9.00	15.65	15.0
5	12.00	18.65	18.0
6	15.00	21.65	21.0
7	18.00	24.65	24.0
8	21.00	27.65	27.0
9	24.00	30.65	30.0
10	27.00	33.65	33.0
11	30.00	36.65	36.0
12	33.00	39.65	39.0

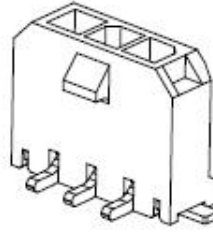


Pegs

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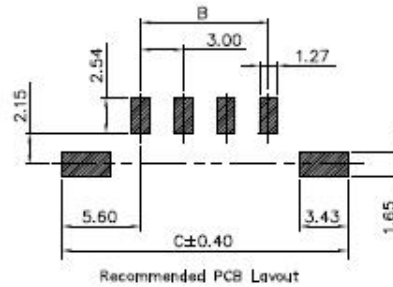
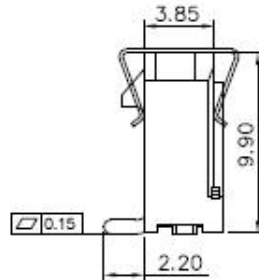
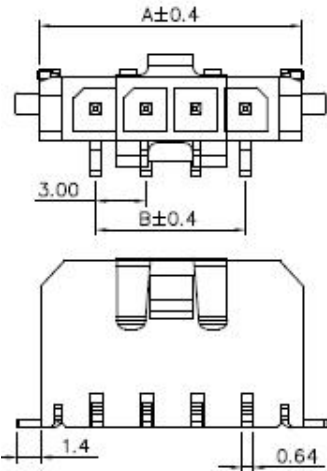
.118" (3.00mm) Pitch SMT Wafer

Specifications:
 Material And Finish:
 Insulator:PA6T/LCP UL94V-0 Color:Black
 Contact:Brass
 Plated:See Ordering Information
 Rating:
 Current Rating:8.5 Amp Max (2P/18AWG)
 Voltage Rating:600V AC/DC
 Operating Temperature Range:
 PA6T:-40°~+125°C
 LCP:-55°~+125°C
 Electrical:
 Contact resistance:10m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:1500V AC/Minute



Ordering Information
 A3001M-XXX-01-XX
 1 2 3 4 5 6

- 1:—Series No.
 2:—M:SMT Type
 3:—No. of Positions
 4:—Q: Tin Plated
 S: Matte Tin Plated
 H: Gold flash on contact; Matte Tin on tail
 L: 15u" Gold on contact; Matte Tin on tail
 Y: 30u" Gold on contact; Matte Tin on tail
 5:—N: PA6T
 C: LCP
 6:—G: Tape & Reel
 F: W/CAP In Tape & Reel



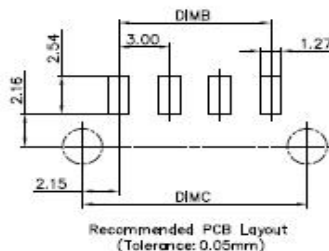
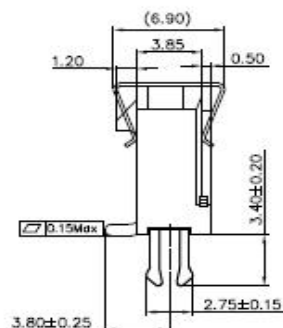
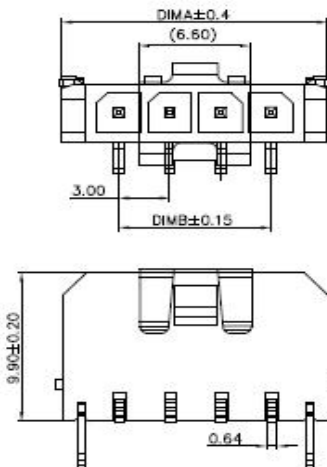
Poles	Dimensions (mm)		
	A	B	C
02	9.65	3.00	14.20
03	12.65	6.00	17.20
04	15.65	9.00	20.20
05	18.65	12.00	23.20
06	21.65	15.00	26.20
07	24.65	18.00	29.20
08	27.65	21.00	32.20
09	30.65	24.00	35.20
10	33.65	27.00	38.20
11	36.65	30.00	41.20
12	39.65	33.00	44.20

Specifications:
 Material And Finish:
 Insulator:PA6T/LCP UL94V-0 Color:Black
 Contact:Brass
 Plated:See Ordering Information
 Rating:
 Current Rating:8.5 Amp Max (2P/18AWG)
 Voltage Rating:600V AC/DC
 Operating Temperature Range:
 PA6T:-40°~+125°C
 LCP:-55°~+125°C
 Electrical:
 Contact resistance:10m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:1500V AC/Minute



Ordering Information
 A3001M-XXX-02-XX
 1 2 3 4 5 6

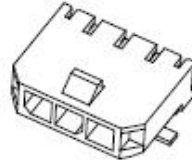
- 1:—Series No.
 2:—M:SMT Type
 3:—No. of Positions
 4:—Q: Tin Plated
 S: Matte Tin Plated
 H: Gold flash on contact; Matte Tin on tail
 L: 15u" Gold on contact; Matte Tin on tail
 Y: 30u" Gold on contact; Matte Tin on tail
 5:—N: PA6T
 C: LCP
 6:—G: Tape & Reel
 F: W/CAP In Tape & Reel



Poles	Dimensions (mm)		
	A	B	C
02	9.65	3.00	7.30
03	12.65	6.00	10.30
04	15.65	9.00	13.30
05	18.65	12.00	16.30
06	21.65	15.00	19.30
07	24.65	18.00	22.30
08	27.65	21.00	25.30
09	30.65	24.00	28.30
10	33.65	27.00	31.30
11	36.65	30.00	34.30
12	39.65	33.00	37.30

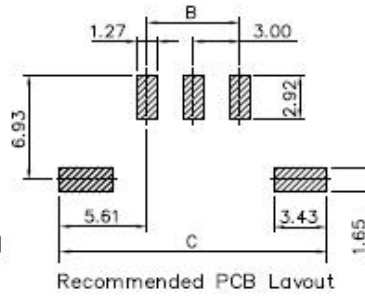
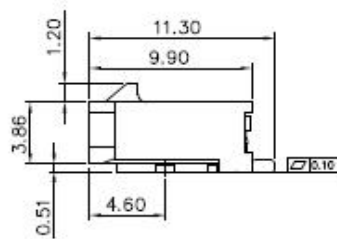
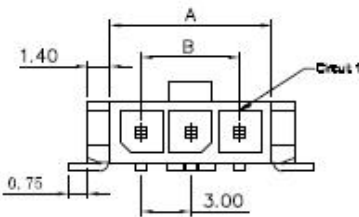
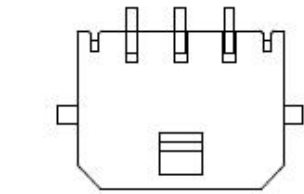
.118" (3.00mm) Pitch SMT Wafer

Specifications:
 Material And Finish:
 Insulator:PA6T/LCP UL94V-0 Color:Black
 Contact:Brass
 Plated:See Ordering Information
 Rating:
 Current Rating:8.5 Amp Max(2P /18AWG)
 Voltage Rating:600V AC/DC
 Operating Temperature Range:
 PA6T:-40°~+125°C
 LCP:-55°~+125°C
 Electrical:
 Contact resistance:10m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:1500V AC/Minute



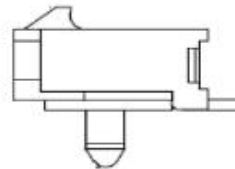
Ordering Information
 A3001H-XXX-01-XG
 1 2 3 4 5 6

- 1:— Series No.
 2:—H:Horizontal SMT Type
 3:—No. of Positions
 4:—Q: Tin Plated
 S:Matte Tin Plated
 A1:Gold flash on contact; Tin on tail
 5:—N:PA6T
 C:LCP
 6:—G:Tape&Reel



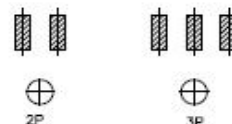
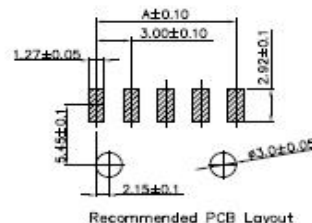
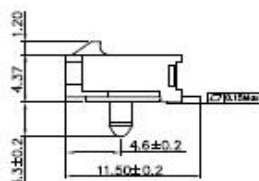
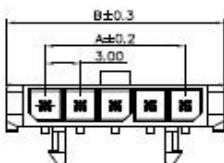
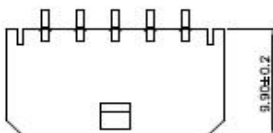
Poles	Dimensions(mm)		
	A	B	C
2	6.85	3.00	14.20
3	9.85	6.00	17.20
4	12.85	9.00	20.20
5	15.85	12.00	23.20
6	18.85	15.00	26.20
7	21.85	18.00	29.20
8	24.85	21.00	32.20
9	27.85	24.00	35.20
10	30.85	27.00	38.20
11	33.85	30.00	41.20
12	36.85	33.00	44.20

Specifications:
 Material And Finish:
 Insulator:PA6T/LCP UL94V-0 Color:Black
 Contact:Brass
 Plated:See Ordering Information
 Rating:
 Current Rating:8.5 Amp Max (2P /18AWG)
 Voltage Rating:600V AC/DC
 Operating Temperature Range:
 PA6T:-40°~+125°C
 LCP:-55°~+125°C
 Electrical:
 Contact resistance:10m Ohm Max
 Insulator resistance:1000M ohm min.
 Withstanding Voltage:1500V AC/Minute



Ordering Information
 A3001H-XXX-02-XG
 1 2 3 4 5 6

- 1:— Series No.
 2:—H:Horizontal SMT Type
 3:—No. of Positions
 4:—Q: Tin Plated
 S:Matte Tin Plated
 H:Gold flash on contact;Matte Tin on tail
 L:15u" Gold on contact;Matte Tin on tail
 Y:30u" Gold on contact;Matte Tin on tail
 5:—N:PA6T
 C:LCP
 6:—G:Tape&Reel



No.	Dimension(mm)	
	A	B
2	3.00	9.65
3	6.00	12.65
4	9.00	16.65
5	12.00	18.65
6	15.00	21.65
7	18.00	24.65
8	21.00	27.65
9	24.00	30.65
10	27.00	33.65
11	30.00	36.65
12	33.00	39.65

.118" (3.00mm) Pitch SMT Wafer / Housing

Specifications:

Material And Finish:

Insulator:PA6T/LCP UL94V-0 Color:Black

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:8.5 Amp Max (2P/18AWG)

Voltage Rating:600V AC/DC

Operating Temperature Range:

PA6T:-40°~+125°C

LCP:-55°~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute

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Ordering Information

A3001H-XXX-03-XG

1 2 3 4 5 6

1:—Series No.

2:—H:Horizontal SMT Type

3:—No. of Positions

4:—Q: Tin Plated

S:Matte Tin Plated

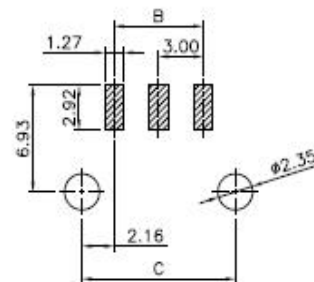
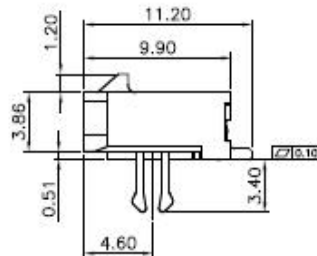
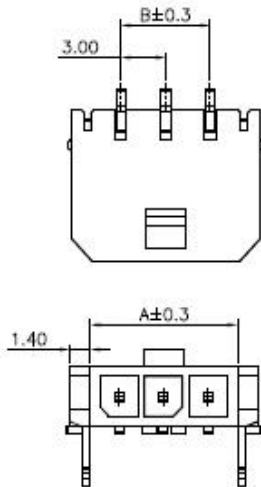
A1:Gold flash on

contact; Tin on tail

5:—N:PA6T

C:LCP

6:—G:Tape&Reel



Recommended PCB Layout

Poles	Dimensions(mm)		
	A	B	C
02	6.85	3.00	7.30
03	9.85	6.00	10.30
04	12.85	9.00	13.30
05	15.85	12.00	16.30
06	18.85	15.00	19.30
07	21.85	18.00	22.30
08	24.85	21.00	25.30
09	27.85	24.00	28.30
10	30.85	27.00	31.30
11	33.85	30.00	34.30
12	36.85	33.00	37.30

Specifications:

Material And Finish

Insulator:Nylon66 UL94V-0

Rating:

Current Rating:8.5Amp(2P/18AWG)

Voltage Rating:600V AC/DC

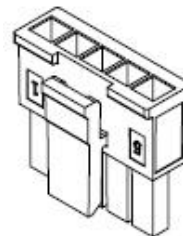
Operating Temperature Range:-40°C~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute



Ordering Information

H3001-XXP-01-XXA

1 2 3 4 5

1:—Series No.

2:—No. of Positions

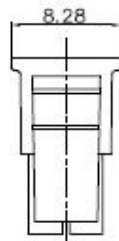
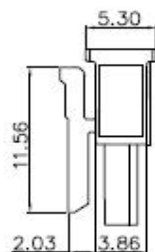
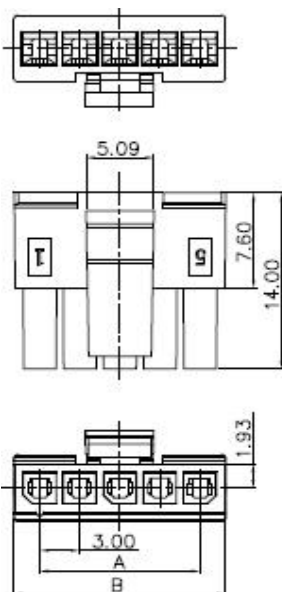
3:—N:Natural

B:Black

4:—G:Glowing Filament

V:94V-0

5:—A:In Bag



Ordering Information & Dimensions

Poles	Dimension	
	A	B
02	3.00	8.28
03	6.00	9.85
04	9.00	12.85
05	12.00	15.85
06	15.00	18.85
07	18.00	21.85
08	21.00	24.85
09	24.00	27.85
10	27.00	30.85
11	30.00	33.85
12	33.00	36.85

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.118" (3.00mm) Pitch Housing / Terminal

Specifications:

Material And Finish

Insulator:PA66 UL94V-0 Color:Black

Rating:

Current Rating:7Amp(2P/18AWG)

Voltage Rating:600V AC/DC

Operating Temperature Range:-40°C~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

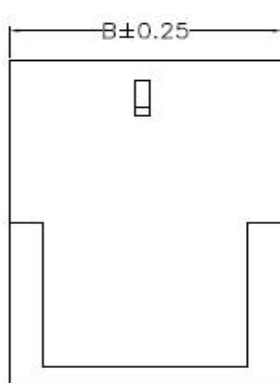
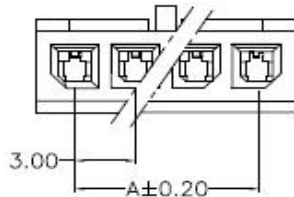
Withstanding Voltage:1500V AC/Minute

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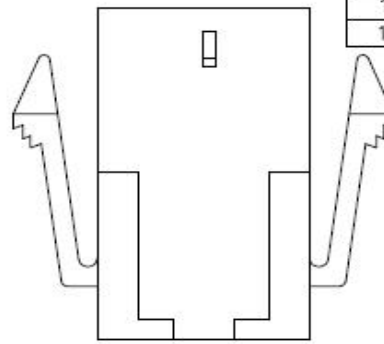
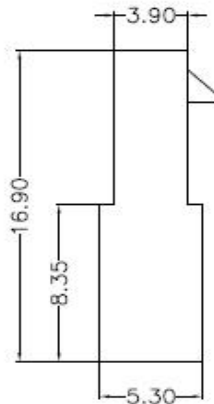
Ordering Information

H3001F-XXP-02-XA
1 2 3 4 5

- 1:— Series No.
- 2:— F:Female Housing
- 3:— No. of Positions
- 4:— A: Type
B: Type
- 5:— A: In Bag



A Type



B Type

Circuits	Dimension	
	A	B
2	3.00	6.85
3	6.00	9.85
4	9.00	12.85
5	12.00	15.85
6	15.00	18.85
7	18.00	21.85
8	21.00	24.85
9	24.00	27.85
10	27.00	30.85
11	30.00	33.85
12	33.00	36.85

Note:

Material : Phosphor Bronze

Plating : Phosphor Bronze

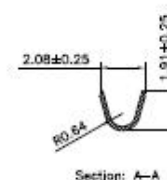
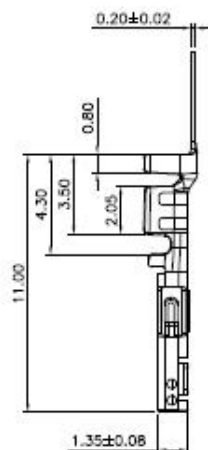
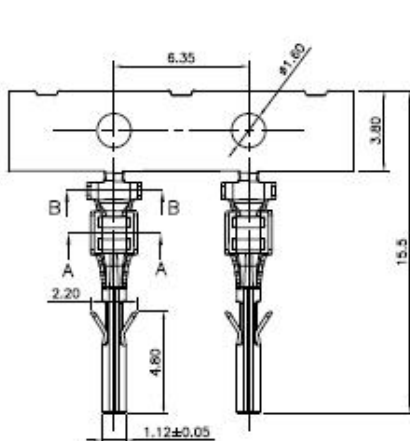
Wire Range:AWG #20-#24



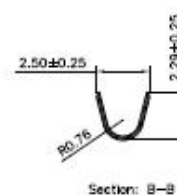
Ordering Information

H3001T-PX-01
1 2 3

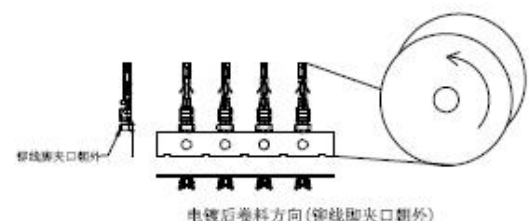
- 1:— Series No.
- 2:— Terminal
- 3:— Plated:
Q: Tin plated
A: Gold flash



Section: A-A



Section: B-B



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.118" (3.00mm) Pitch Terminal

Note:

Material : Phosphor Bronze

Plating : Ni plated 35~50u" ,
overall 80~120u" Tin

Wire Range:AWG #20~#24

Ordering Information

H3001T-PX-02

1 2 3

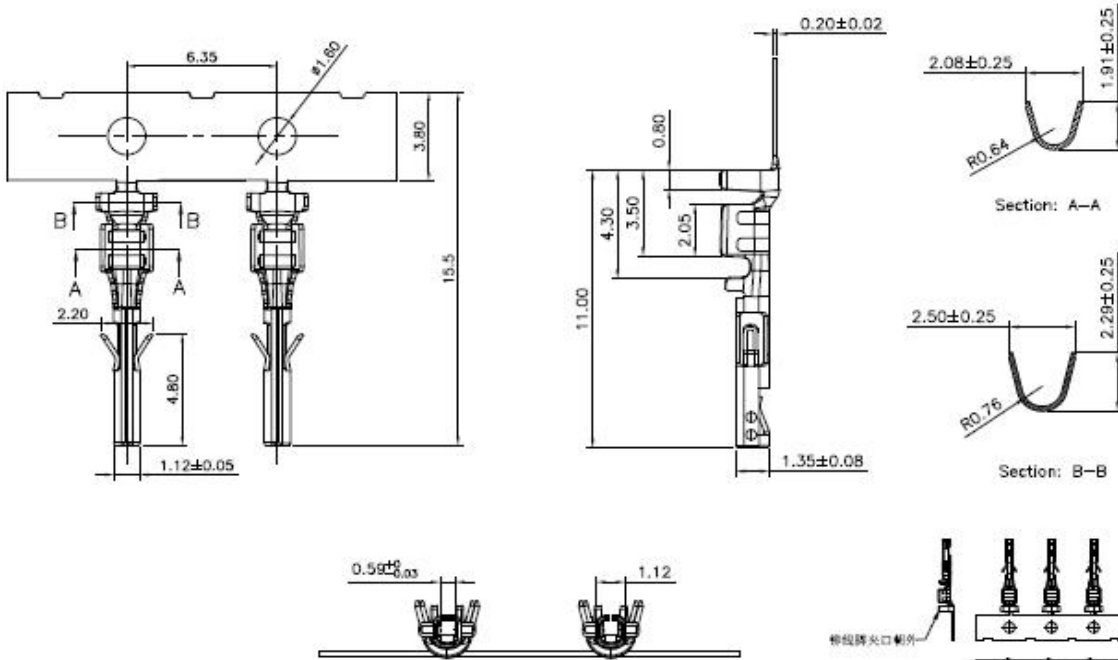
1:—Series No.

2:—Terminal

3:—Plated:

A:Gold Flash

Q: Tin plated



电镀后卷料方向(柳线脚夹口朝外)

Note:

Material:Phosphor Bronze

Plating:Ni plated 35~50u" ,
overall 80~120u" Tin

Wire Range:AWG #18~#24

Ordering Information

H3001T-PXX-03

1 2 3 4

1:—Series No.

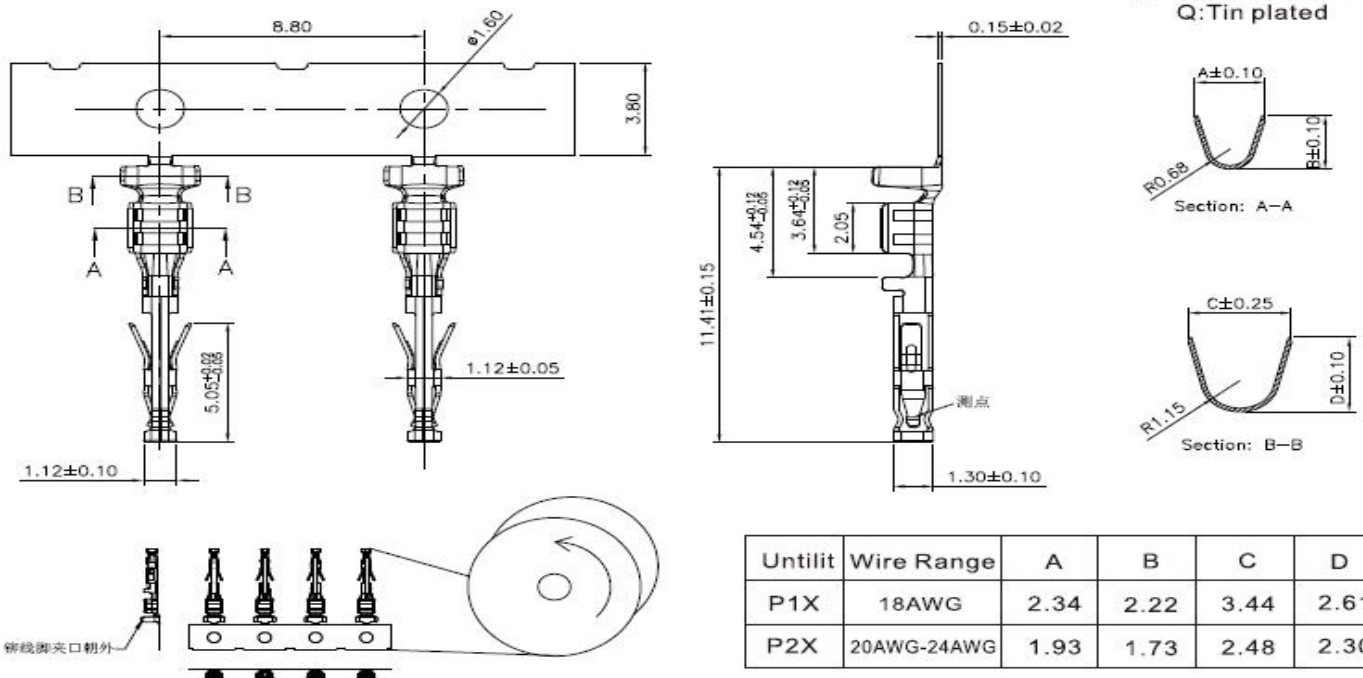
2:—Terminal

3:—P1:18AWG

P2:20~24AWG

4:—A:Gold Flash

Q: Tin plated



电镀后卷料方向(柳线脚夹口朝外)

Untilit	Wire Range	A	B	C	D
P1X	18AWG	2.34	2.22	3.44	2.61
P2X	20AWG-24AWG	1.93	1.73	2.48	2.30

.118" (3.00mm) Pitch Terminal

Note:

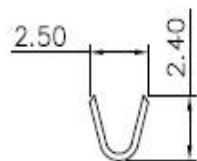
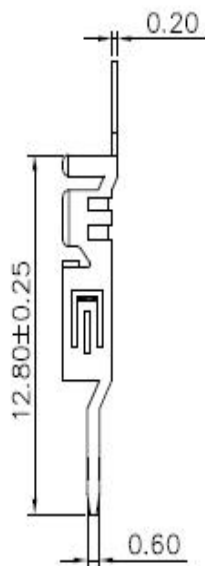
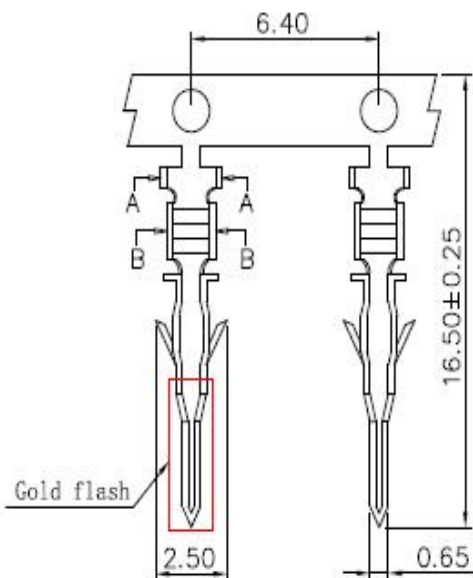
Material : Phosphor Bronze
Plating : Ni plated 35~50u" ,
over all 80~120u" Tin
Wire Range:AWG18~24



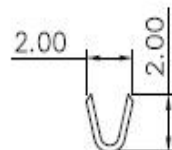
Ordering Information

H3001TM-PX
1 2 3 4 5

- 1:— Series No.
- 2:— T:Terminal
- 3:— Terminal Type:
M:Male Terminal
- 4:— P:Phosphor Bronze
- 5:— Q: Tin Plated
H:Gold flash on
contact; Tin on tail



SECTION: A-A



SECTION: B-B