

.162"(4.14mm) Pitch/Disconnectable Insulation Displacement Connectors

.162"(4.14mm) Connectors



HJBRIGHT®

东莞市华晶电子有限公司
<http://www.hjbright.com>

.162" (4.14mm) Pitch 180° Wafer

Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0 Color:White

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:9.5 Amp

Voltage Rating:600V AC/DC

Operating Temperature Range:-55°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute



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Ordering Information

A41400S-XXX-XX-X

1 2 3 4 5 6

1:—Series No.

2:—S:Straight Type

3:—No. of Positions

4:—S:Matte Tin Plated

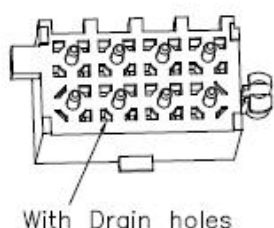
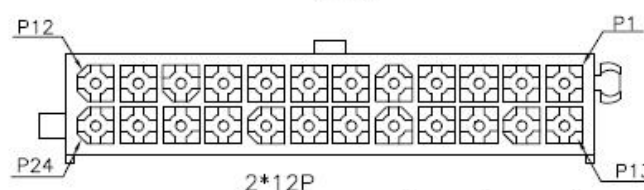
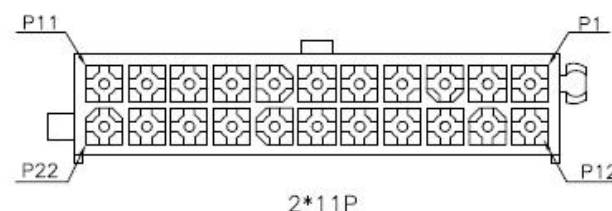
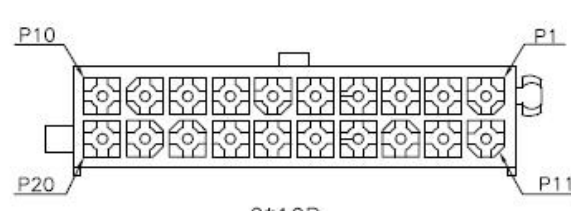
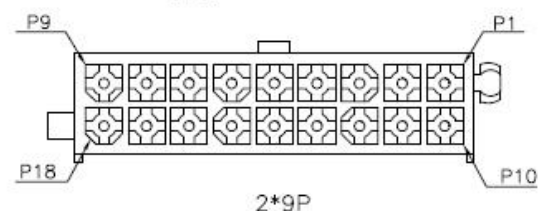
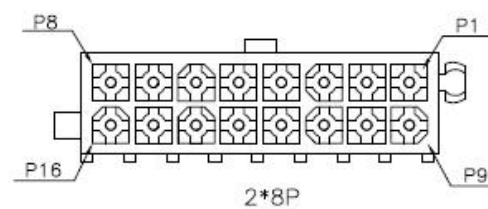
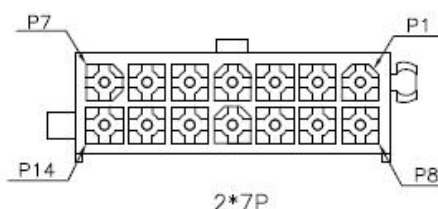
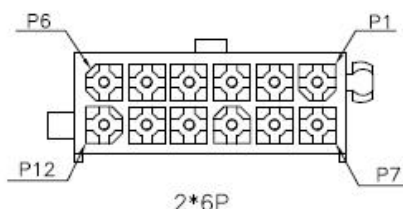
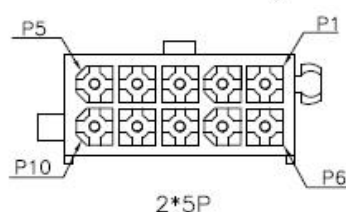
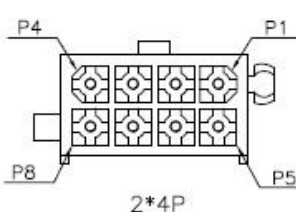
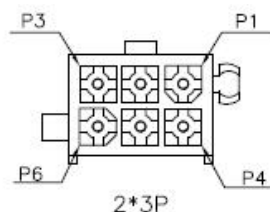
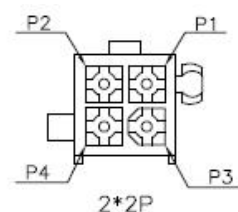
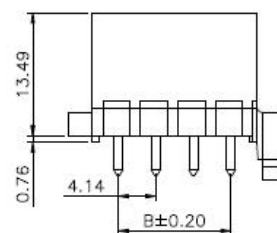
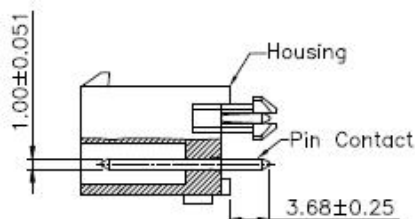
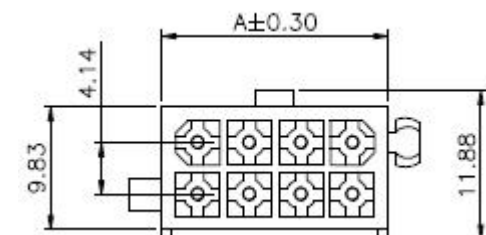
Y:30u" Gold on contact;
Matte Tin on Tail

5:—02:With Drain holes

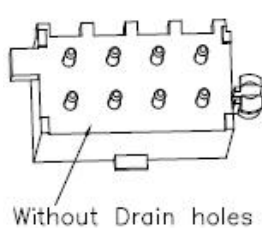
03:Without Drain holes

6:—A:In Bag

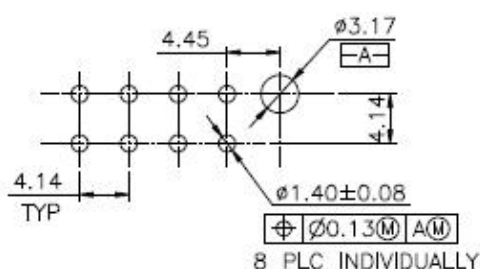
B:In Tube



With Drain holes



Without Drain holes



Recommended mounting hole pattern
for 1.57 Thick P.C.Board

Circuits	A	B
4	9.86	4.14
6	14.00	8.28
8	18.14	12.42
10	22.28	16.56
12	26.42	20.70
14	30.56	24.84
16	34.70	28.98
18	38.84	33.12
20	42.98	37.26
22	47.12	41.40
24	51.26	45.54

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.162" (4.14mm) Pitch 90° Wafer

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Specifications:

Material And Finish:

Insulator: Nylon 66 UL94V-0 Color: White

Contact: Brass

Rating:

Current Rating: 9.0 Amp (16AWG)

Voltage Rating: 600V AC/DC

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

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

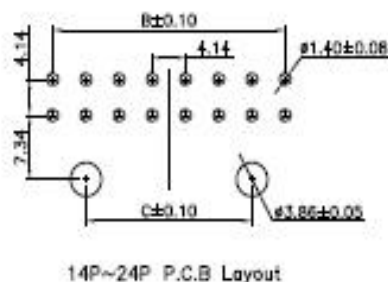
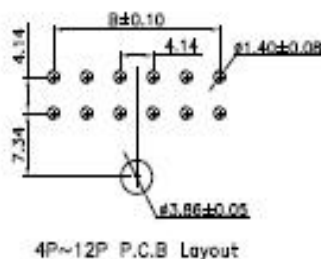
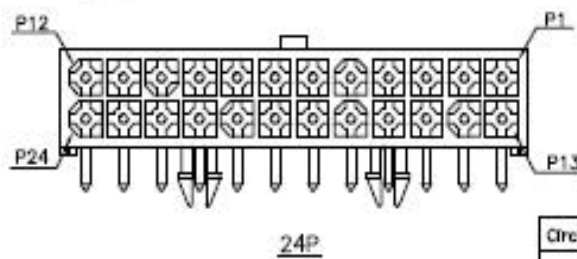
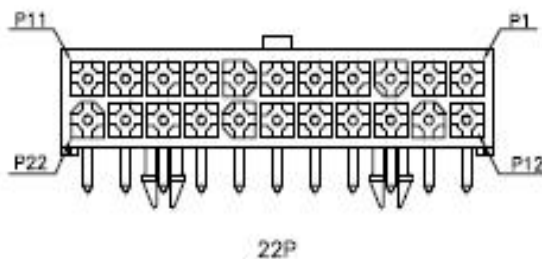
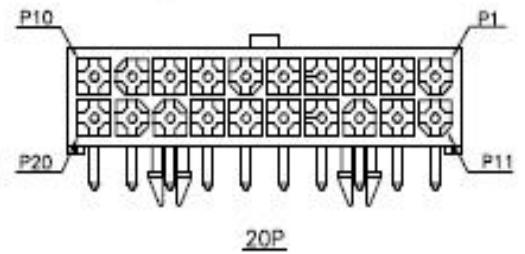
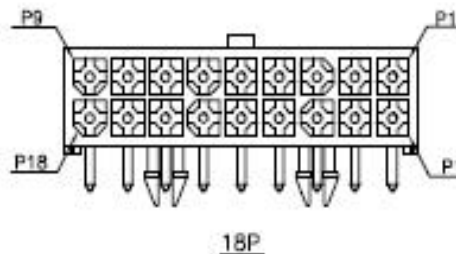
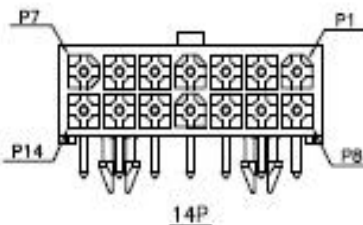
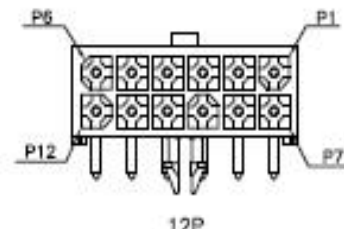
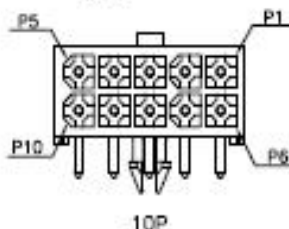
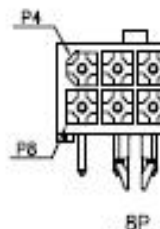
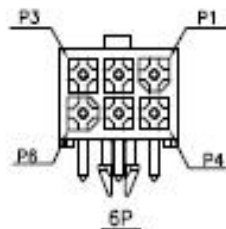
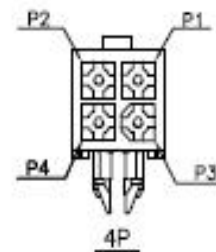
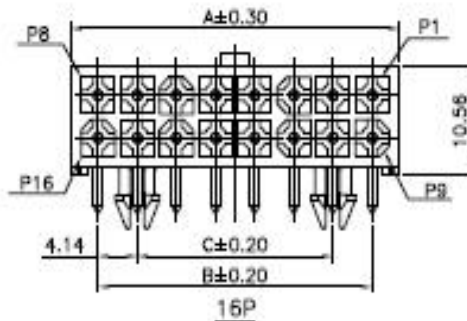
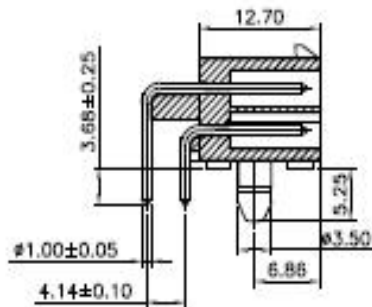
Withstanding Voltage: 1500V AC/Minute



Ordering Information

A41400R-XXX-01-X

- 1:—Series No.
2:—R:R/A Type
3:—No. of Positions
4:—A:Gold Flash
H:Gold Flash on contact;Matte Tin on tail
Q:Tin Plated
S:Matte Tin Plated
Y:30u" Gold on contact; Matte Tin on tail
5:—B:In Tube
C:In Tray



Circuits	A	B	C
4	9.86	4.14	—
6	14.00	8.28	
8	18.14	12.42	
10	22.28	16.56	
12	26.42	20.70	
14	30.56	24.84	16.56
16	34.70	28.98	20.70
18	38.84	33.12	16.56
20	42.98	37.26	20.70
22	47.12	41.40	24.84
24	51.26	45.54	20.70

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.162" (4.14mm) Pitch Housing

Specifications:

Material And Finish:

Insulator:Nylon66 UL94 V-0

Rating:

Current Rating:9Amp AC/DC(16AWG)

Voltage Rating:600V AC,DC

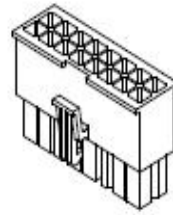
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

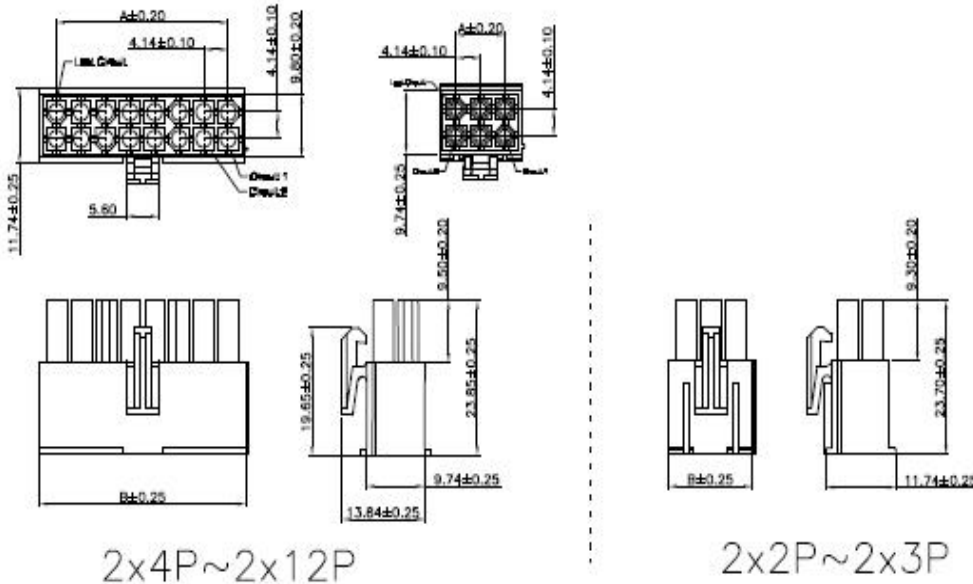
Withstanding Voltage:1500V AC/Minute



Ordering Information

H41400M-XXP-A

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



Poles	Dimensions(mm)	
	A	B
04P	4.14	9.74
06P	8.28	13.88
08P	12.42	18.02
10P	16.56	22.16
12P	20.70	26.30
14P	24.84	30.44
16P	28.98	34.58
18P	33.12	38.72
20P	37.26	42.86
22P	41.40	47.00
24P	45.54	51.14

Specifications:

Material And Finish:

Insulator:Nylon66 UL94 V-0

Rating:

Current Rating:9Amp AC/DC(16AWG)

Voltage Rating:600V AC,DC

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

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

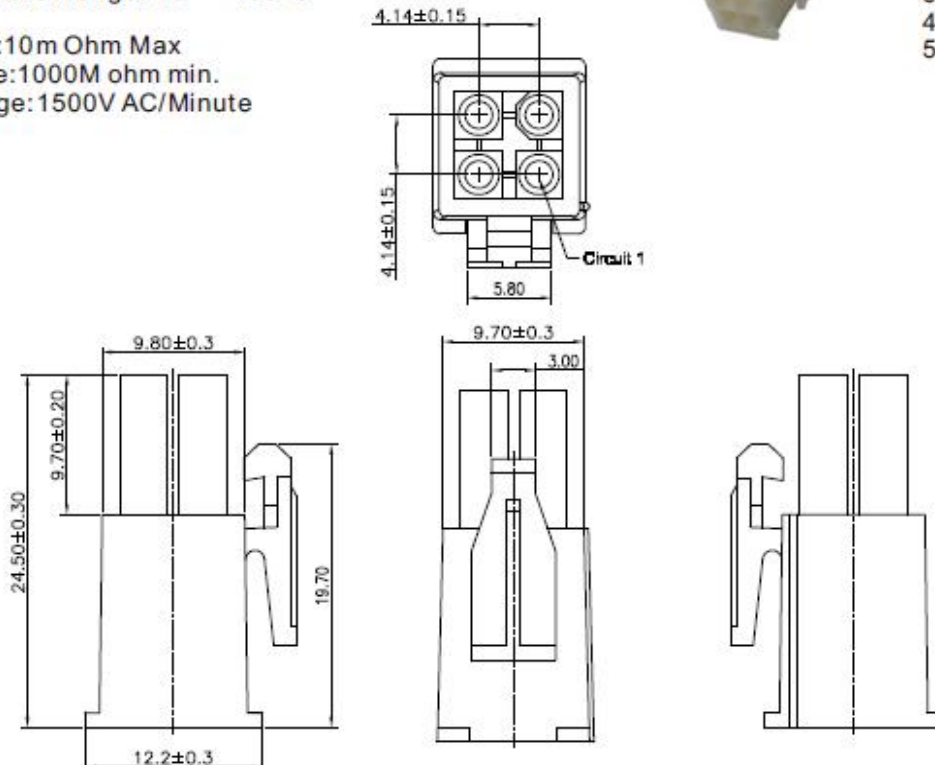
Withstanding Voltage:1500V AC/Minute



Ordering Information

H41400M-XXP-BA

- 1:— Series No.
2:— M:Male
3:— No. of Positions
4:— B:B Type
5:— A:In Bag



.162" (4.14mm) Pitch Housing / Terminal

Specifications:

Material And Finish:

Insulator:Nylon66 UL94V-0 Color:Natural

Rating:

Current Rating:9Amp AC/DC(16AWG)

Voltage Rating:600V AC,DC

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

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute

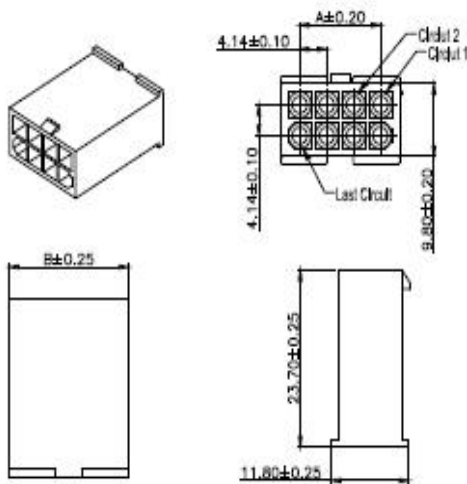
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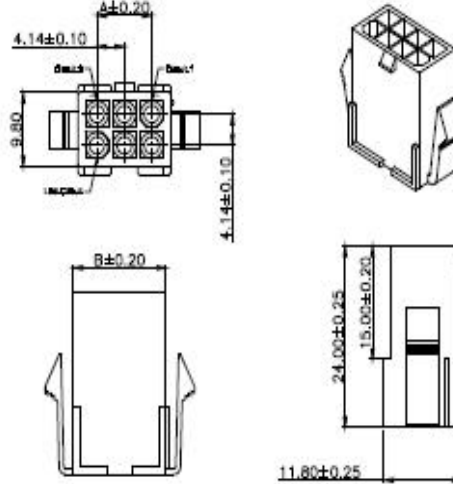
Ordering Information

H41400F-XXP-XA
1 2 3 4 5

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



A Type



B Type

Poles	Dimensions (mm)	
	A	B
04P	4.14	9.80
06P	8.28	14.00
08P	12.42	18.20
10P	16.56	22.40
12P	20.70	26.60
14P	24.84	30.80
16P	28.98	35.00
18P	33.12	39.20
20P	37.26	43.40
22P	41.40	47.60
24P	45.54	51.80

Specifications:

Material And Finish:

Contact:Phosphor Bronze

Plated:See Ordering Information

Rating:

Current Rating:9Amp AC/DC

Wire Range:AWG#16~20(OD:3.2Max.)

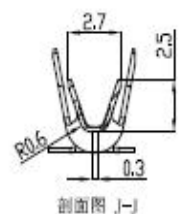
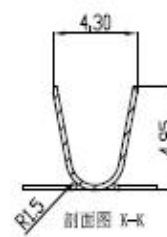
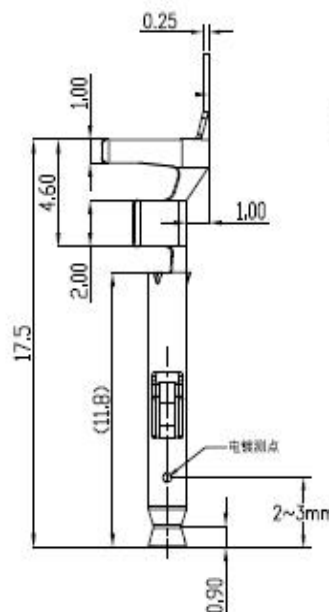
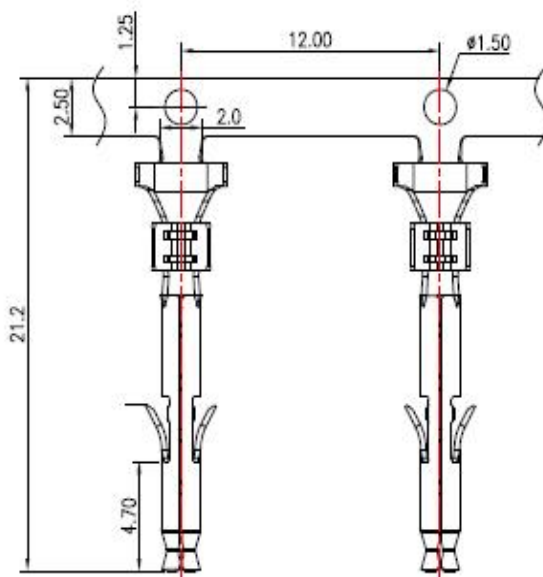
or#20*2(OD:2.40Max)



Ordering Information

H41400TF-PX
1 2 3 4

- 1:— Series No.
2:— T:Terminal
3:— F:Female
4:— A:Glod Flash
Q:Tin Plated



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.162" (4.14mm) Pitch Terminal

Specifications:

Material And Finish:

Contact: Brass

Rating:

Current Rating: 9Amp AC/DC (16AWG)

Electrical:

Contact resistance: 10m Ohm Max

Insulator resistance: 1000M ohm min.

Withstanding Voltage: 1500V AC/Minute

Wire Range: AWG#16~20

Insulation O.D: 3.2mm Max



Ordering Information

H41400TM-PXX

1 23 45

1:— Series No.

2:— T: Terminal

3:— M: Male Terminal

4:— A: Glod Flash

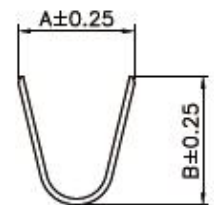
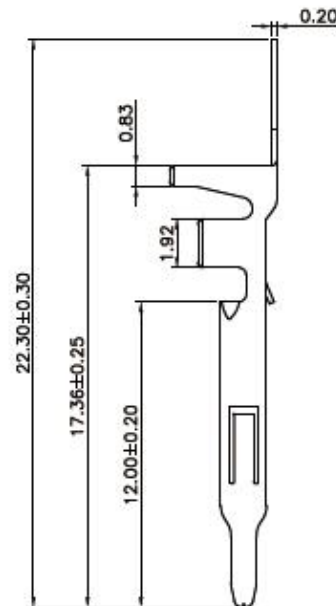
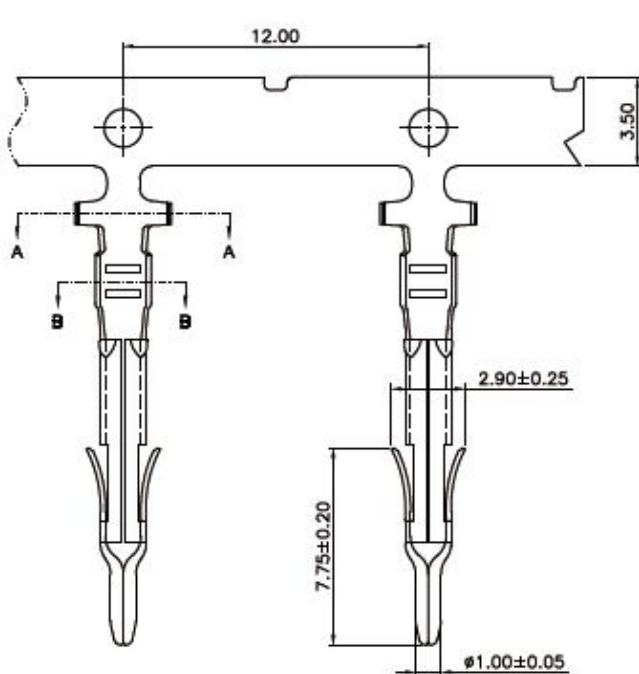
Q: Tin Plated

5:— 1: 16AWG~20AWG

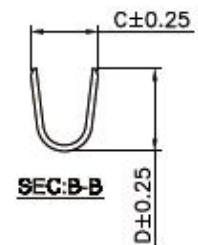
2: 18AWG~22AWG

3: 22AWG~26AWG

4. 26AWG~30AWG



SEC:A-A



SEC:B-B

Utility	Wire Range/ Insulation O.D	A	B	C	D
1	16AWG~20AWG:3.20mm OD Max	4.30	4.95	3.18	2.77
2	18AWG~22AWG:2.40mm OD Max	3.80	4.20	2.46	2.20
3	22AWG~26AWG:1.75mm OD Max	2.95	2.92	2.11	1.83
4	26AWG~30AWG:1.00mm OD Max	2.67	1.93	1.57	1.37