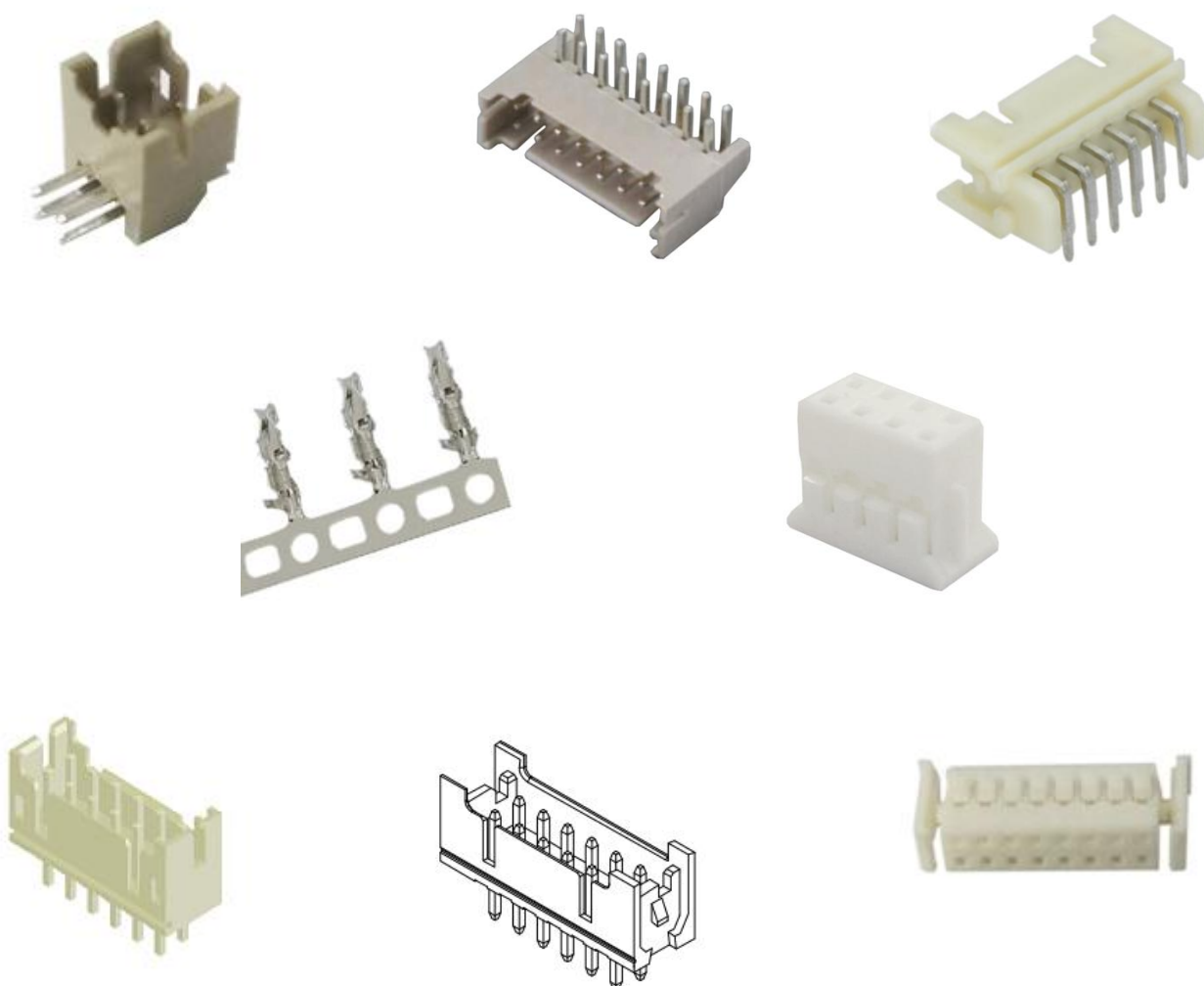


.079" (2.00mm) Pitch/Disconnectable Insulation Displacement Connectors

.079" (2.00mm) Connectors



Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0 Color:Natural

Contact:Copper Alloy

Plated:See Ordering Information

Rating:

Current Rating:3.0Amp(22AWG)

Voltage Rating:250V AC/DC

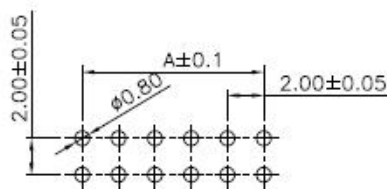
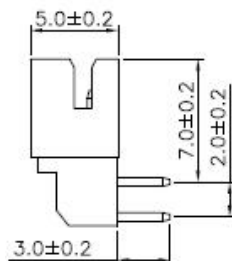
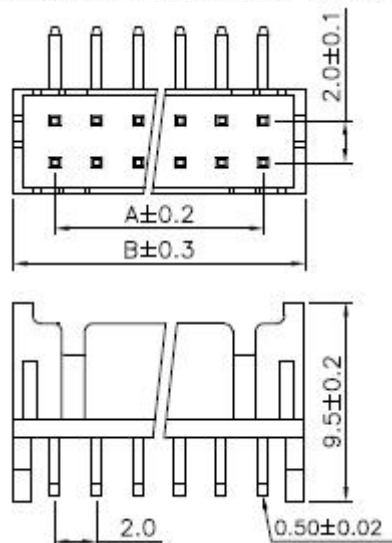
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:800V AC/Minute



Recommended PCB Layout

Ordering Information

A20042R-XXX-01-X-X

1 2 3 4 5 6

- 1: — Series No.
2: — R/R/A Type
3: — No. of Positions
4: — A:Gold Flash
H:Selective Gold Plated
Q:Tin Plated
5: — A:In Bag
B:In Tube
C:In Tray
6: — Color:
N:Natural
GR:Gray

Circuits	Dimensions	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
18	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
32	30.00	34.00
36	34.00	38.00
40	38.00	42.00

Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0 Color:Natural

Contact:Copper Alloy

Plated:See Ordering Information

Rating:

Current Rating:3.0Amp (22AWG)

Voltage Rating:250V AC/DC

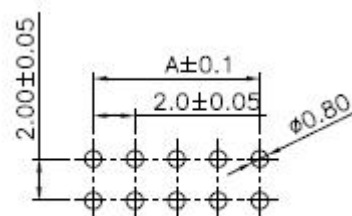
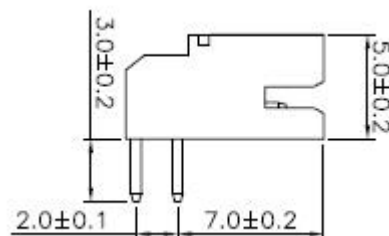
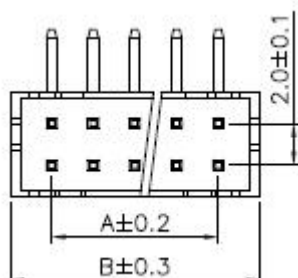
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:800V AC/Minute



Recommended PCB Layout

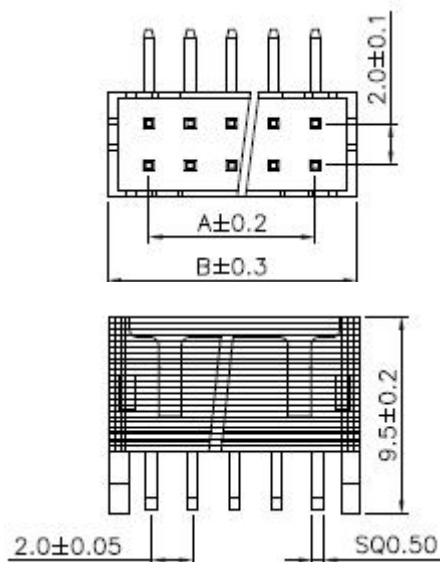
Ordering Information

A20042R-XXX-02-M

1 2 3 4 5

- 1: — Series No.
2: — R/R/A Type
3: — No. of Positions
4: — A:Gold Flash
H:Selective Gold Plated
Q:Tin Plated
5: — M: W/Mylar In Tape&Reel

Circuits	Dimension mm	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
18	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
32	30.00	34.00
36	34.00	38.00
40	38.00	42.00



Specifications:

Material And Finish:

Insulator:PA9T UL94V-0 Color:Nature
Contact:Brass

Rating:

Current Rating:3.0Amp (22AWG)
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°C~+125°C

Electrical:

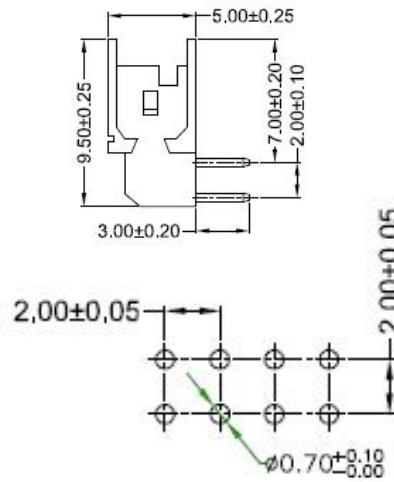
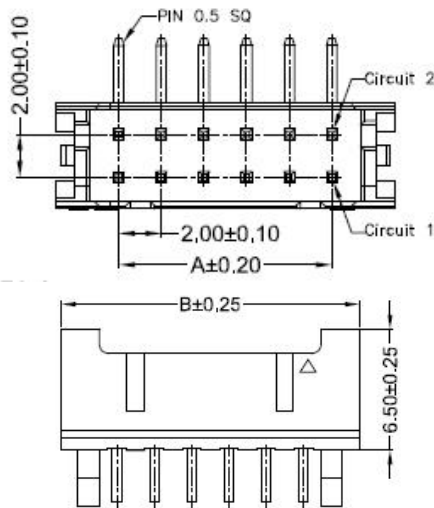
Contact resistance:10m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:800V AC/Minute



Ordering Information

A20042R-XXX-03-X
1 2 3 4 5

- 1: — Series No.
2: — R:R/A Type
3: — No. of Positions
4: — A:Gold Flash
Q: Tin Plated
5: — A:In bag
B:In Tube
C:In Tray



Recommended P,C,B Layout

Poles	Dimensions (mm)	
	A	B
2*02	2.00	8.00
2*03	4.00	10.00
2*04	6.00	12.00
2*05	8.00	14.00
2*06	10.00	16.00
2*07	12.00	18.00
2*08	14.00	20.00
2*09	16.00	22.00
2*10	18.00	24.00
2*11	20.00	26.00
2*12	22.00	28.00
2*13	24.00	30.00
2*14	26.00	32.00
2*15	28.00	34.00
2*16	30.00	36.00
2*17	32.00	38.00
2*18	34.00	40.00
2*19	36.00	42.00
2*20	38.00	44.00

Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0 Color:Natural
Contact:Copper Alloy
Plated:See Ordering Information

Rating:

Current Rating:3.0Amp (22AWG)
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°~+105°C

Electrical:

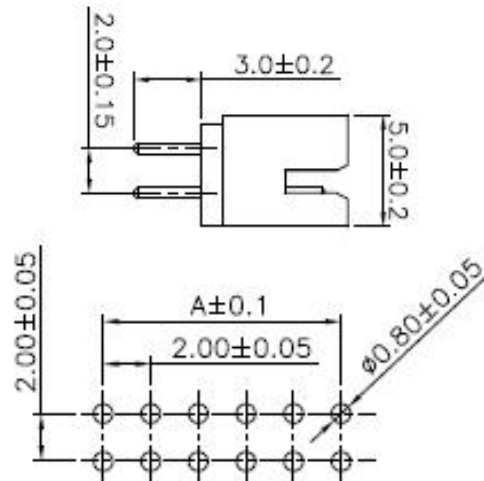
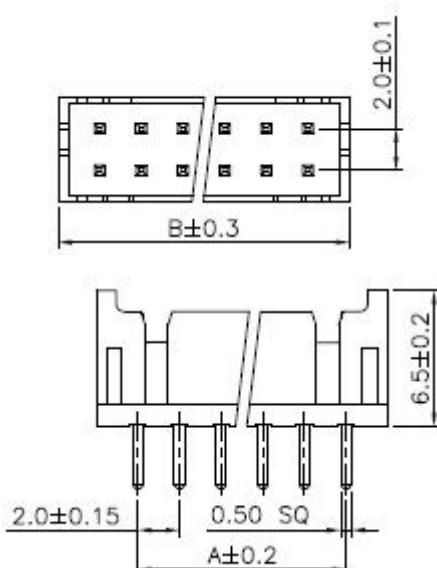
Contact resistance:10m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:800V AC/Minute



Ordering Information

A20042S-XXX-01-X-X
1 2 3 4 5 6

- 1: — Series No.
2: — S: Straight Type
3: — No. of Positions
4: — A: Gold Flash
H: Selective Gold Plated
Q: Tin Plated
5: — A: In Bag
B: In Tube
6: — Color:
N: Natural
GR: Gray



Recommended PCB Layout

Circuits	Dimension mm	
	A	B
04	2.00	6.00
06	4.00	8.00
08	6.00	10.00
10	8.00	12.00
12	10.00	14.00
14	12.00	16.00
16	14.00	18.00
18	16.00	20.00
20	18.00	22.00
22	20.00	24.00
24	22.00	26.00
26	24.00	28.00
28	26.00	30.00
32	30.00	34.00
36	34.00	38.00
40	38.00	42.00

Specifications:

Material And Finish:

Insulator:PA9T UL94V-0 Color:Nature

Contact:Brass

Rating:

Current Rating:3.0 Amp (22AWG)

Voltage Rating:250V AC/DC

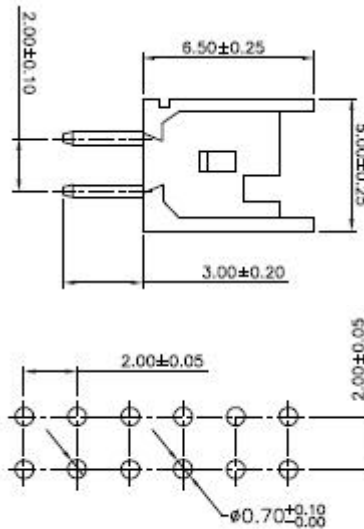
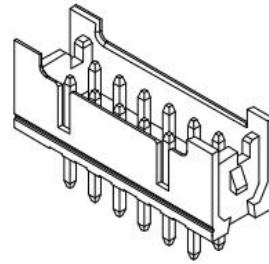
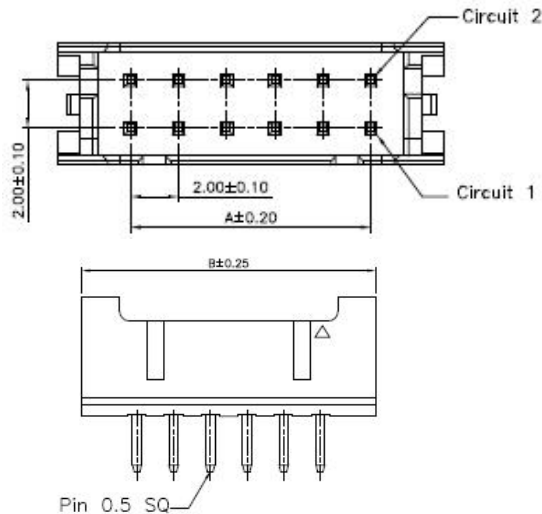
Operating Temperature Range:-40°C~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:800V AC/Minute



Recommended PCB Layout

Ordering Information

A20042S-XXX-03-X

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

Circuits	Dimension mm	
	A	B
2*02P	2.00	8.00
2*03P	4.00	10.00
2*04P	6.00	12.00
2*05P	8.00	14.00
2*06P	10.00	16.00
2*07P	12.00	18.00
2*08P	14.00	20.00
2*09P	16.00	22.00
2*10P	18.00	24.00
2*11P	20.00	26.00
2*12P	22.00	28.00
2*13P	24.00	30.00
2*14P	26.00	32.00
2*15P	28.00	34.00
2*16P	30.00	36.00
2*17P	32.00	38.00
2*18P	34.00	40.00
2*19P	36.00	42.00
2*20P	38.00	44.00

Specifications:

Material And Finish:

Insulator:Nylon66 UL94V-0 Color:Natural

Rating:

Current Rating:3.0 Amp(22AWG)

Voltage Rating:250V AC/DC

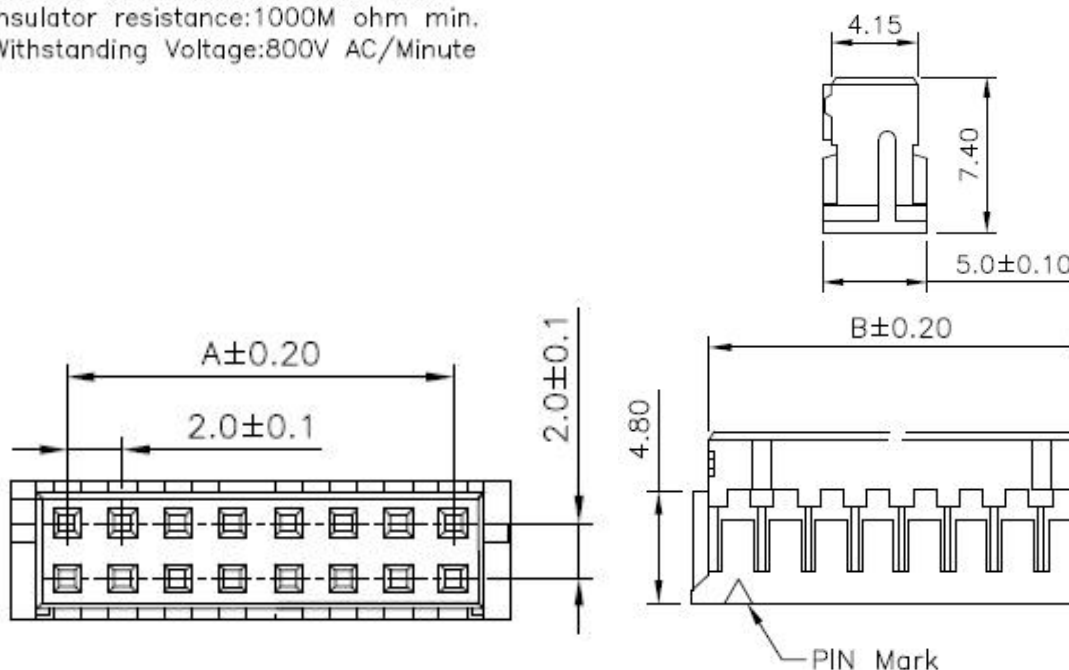
Operating Temperature Range:-40°C~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:800V AC/Minute



Ordering Information

H20042-XXP-01-XA

- 1: — Series No.
2: — No. of Positions
3: — N: Natural
B: Black
4: — A: In Bag

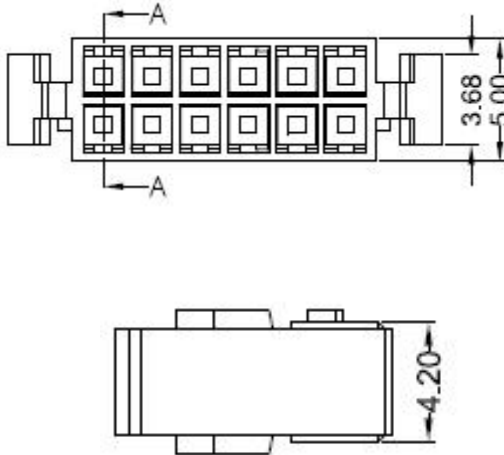
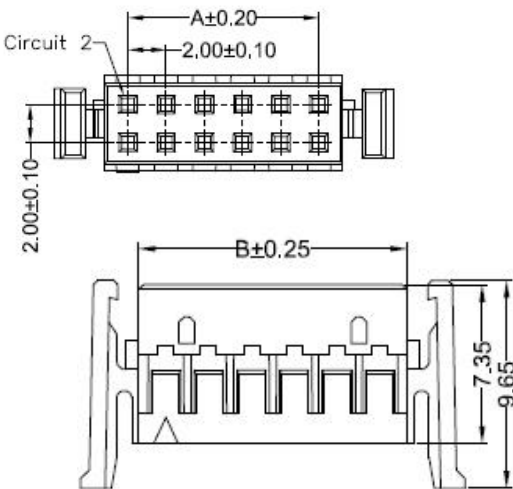
Poles	Dimensions (mm)	
	A	B
04P	2.00	4.54
05P	4.00	6.54
06P	6.00	8.54
10P	8.00	10.70
12P	10.00	12.70
14P	12.00	14.70
15P	14.00	16.70
13P	16.00	18.70
20P	18.00	20.70
22P	20.00	22.70
24P	22.00	24.70
25P	24.00	26.70
23P	26.00	28.70
30P	28.00	30.70
32P	30.00	32.70
34P	32.00	34.70
35P	34.00	36.70
33P	36.00	38.70
40P	38.00	40.70

.079" (2.00mm) Pitch Housing / Terminal

Specifications:
Material And Finish:
Insulator:Nylon66 UL94V-0,Color:White

Rating:
Current Rating:3.0Amp(22AWG)
Voltage Rating:250V AC/DC
Operating Temperature Range:-40°C~+105°C

Electrical:
Contact resistance:10m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:800V AC/Minute

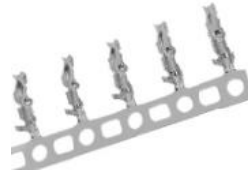


Ordering Information
H20042-XXP-03-A
1 2 3

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

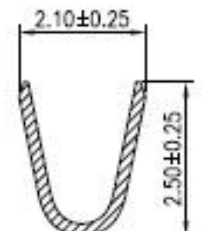
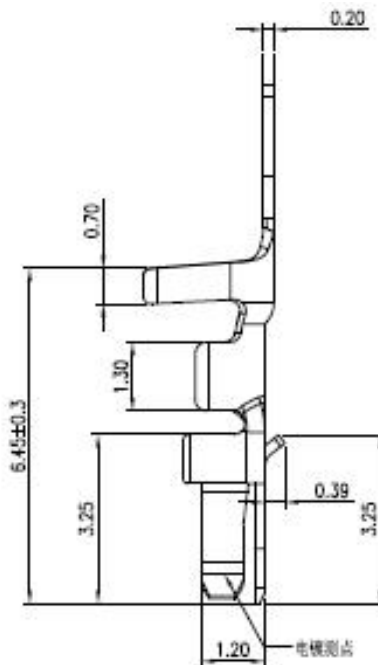
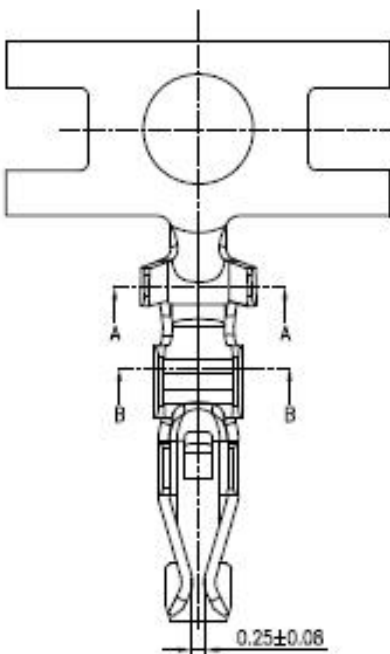
Circuits	Dimension mm	
	A	B
2*02P	2.00	4.50
2*03P	4.00	6.50
2*04P	6.00	8.50
2*05P	8.00	10.50
2*06P	10.00	12.50
2*07P	12.00	14.50
2*08P	14.00	16.50
2*09P	16.00	18.50
2*10P	18.00	20.50
2*11P	20.00	22.50
2*12P	22.00	24.50
2*13P	24.00	26.50
2*14P	26.00	28.50
2*15P	28.00	30.50
2*16P	30.00	32.50
2*17P	32.00	34.50
2*18P	34.00	36.50
2*19P	36.00	38.50
2*20P	38.00	40.50

Material:
Terminal:Phosphor Bronze
Plated:Ni Plated30~50u",overall 80~120u" Tin
Wire Range:AWG#22~28
Insulation O.D.:0.90~1.50mm

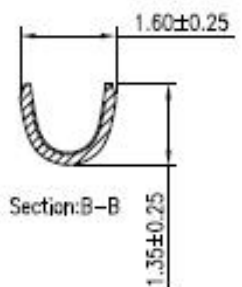


Ordering Information
H2005T-PQ
1 2 3

1: — Series No.
2: — T:Terminal
3: — Plated:
Q: Tin Plated



Section:A-A



Section:B-B