

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

.079" (2.00mm) Connectors



.079" (2.00mm) Pitch 90° / 180° Wafer

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Natural

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:3Amp (22AWG)

Voltage Rating:250V AC/DC

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

Contact Resistance:10mΩ Max

Insulation Resistance:1000MΩ Min

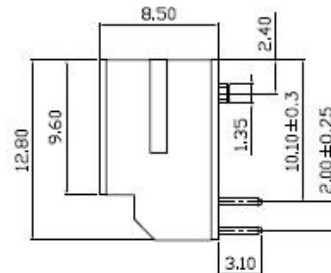
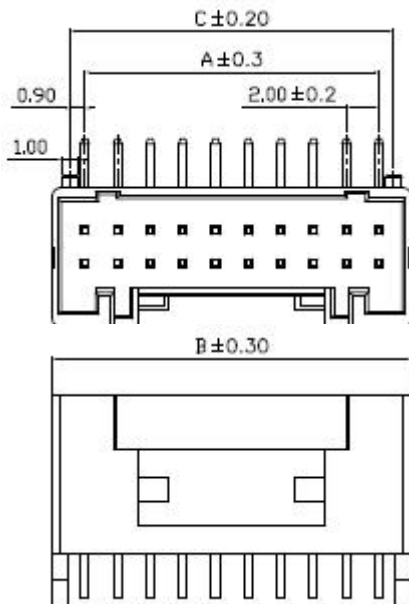
Withstanding Voltage:800V AC/minute

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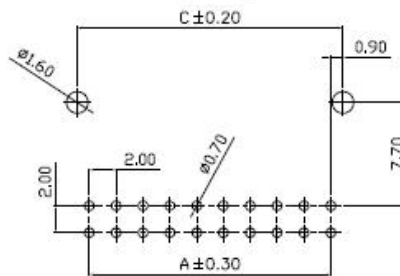
Ordering Information

A20012R-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: C: In Tray



B:W/1 Peg



P.C.B. LAYOUT

Part No.	Dimension mm		
	A	B	C
8	6.00	10.00	7.80
10	8.00	12.00	9.80
12	10.00	14.00	11.80
14	12.00	16.00	13.80
16	14.00	18.00	15.80
18	16.00	20.00	17.80
20	18.00	22.00	19.80
22	20.00	24.00	21.80
24	22.00	26.00	23.80
26	24.00	28.00	25.80
28	26.00	30.00	27.80
30	28.00	32.00	29.80
32	30.00	34.00	31.80
34	32.00	36.00	33.80
36	34.00	38.00	35.80
38	36.00	40.00	37.80
40	38.00	42.00	39.80

Specifications:

Material And Finish:

Insulator:PA 66 UL94V-0 Color:Natural

Contact:Copper Alloy

Plated:See Ordering Information

Rating:

Current Rating:3Amp (22AWG)

Voltage Rating:250V AC/DC

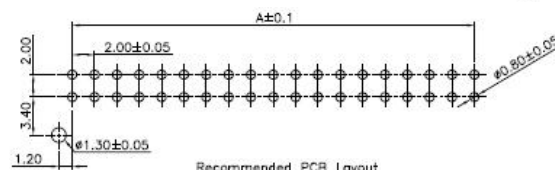
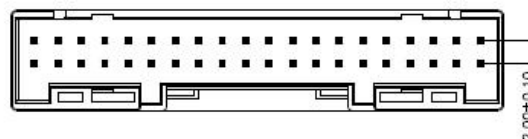
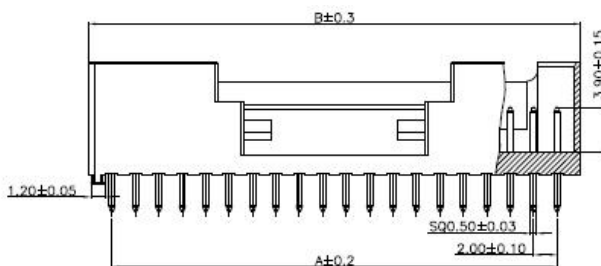
Operating Temperature Range:-40°~+105°C

Electrical:

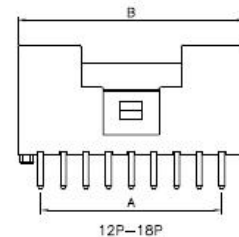
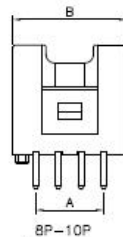
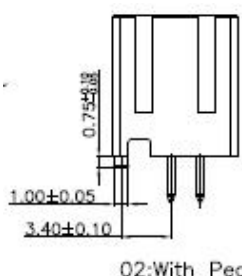
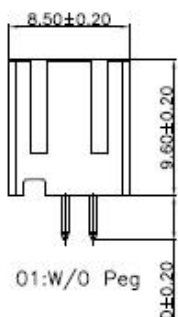
Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:800V AC/Minute



Recommended PCB Layout



Ordering Information

A20012S-XXX-XX-XXX
1 2 3 4 5 6 7 8

- 1: Series No.
- 2: S: Straight Type
- 3: No. of Positions
- 4: A: Gold Flash
Q: Tin Plated
- 5: 01: W/O Peg
02: With Peg
- 6: [X]B: N: Natural
B: Black
R: Red
- 7: [X]D: DIP size
A: D=3.10mm
B: D=2.60mm
- 8: C: In Tray

Circuits	Dimension mm	
	A	B
8	6.0	10.0
10	8.0	12.0
12	10.0	14.0
14	12.0	16.0
16	14.0	18.0
18	16.0	20.0
20	18.0	22.0
22	20.0	24.0
24	22.0	26.0
26	24.0	28.0
28	26.0	30.0
30	28.0	32.0
32	30.0	34.0
34	32.0	36.0
36	34.0	38.0
38	36.0	40.0
40	38.0	42.0

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.079" (2.00mm) Pitch SMT Wafer / Housing

Specifications:

Material And Finish:

Insulator:PA9T UL94V-0 Color:Natural

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:3.0 Amp (22AWG)

Voltage Rating:250V AC/DC

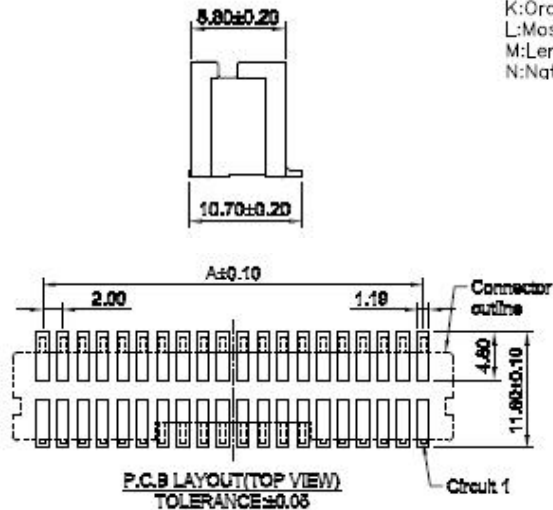
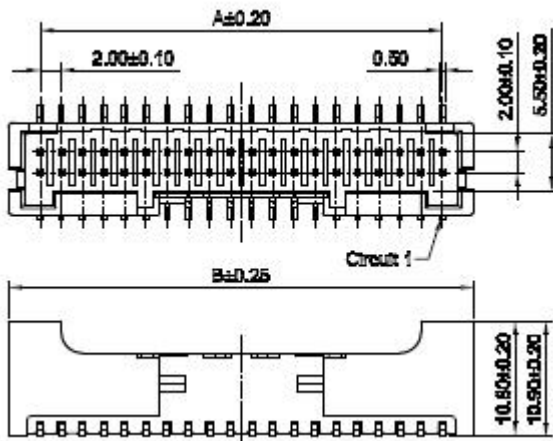
Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:800V AC/Minute



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Ordering Information

A20012M-XXX-01-DX

1 2 3 4 5 6

- 1: Series No.
- 2: M:SMT Type
- 3: No. of Positions
- 4: Q: Tin Plated
H: Gold flash on contact; Matte Tin on tail
- 5: D: In Tape & Reel
- 6: Color:
A: Black
B: Cobalt Blue
C: Dark Purple
D: Ivory
E: Dark pink
F: Light blue
G: Tomato red
H: Blue
I: Dark Orange
J: Dark Gray
K: Orange
L: Moss green
M: Lemon yellow
N: Natural

Part No.	Dimension mm	
	A	B
10	8.00	14.00
12	10.00	16.00
14	12.00	18.00
16	14.00	20.00
18	16.00	22.00
20	18.00	24.00
22	20.00	26.00
24	22.00	28.00
26	24.00	30.00
28	26.00	32.00
30	28.00	34.00
32	30.00	36.00
34	32.00	38.00
36	34.00	40.00
38	36.00	42.00
40	38.00	44.00

Specifications:

Material And Finish:

Insulator:PA66 UL94V-0 Color:Natural

Plated:See Ordering Information

Rating:

Current Rating:3.0 Amp (22AWG)

Voltage Rating:250V AC/DC

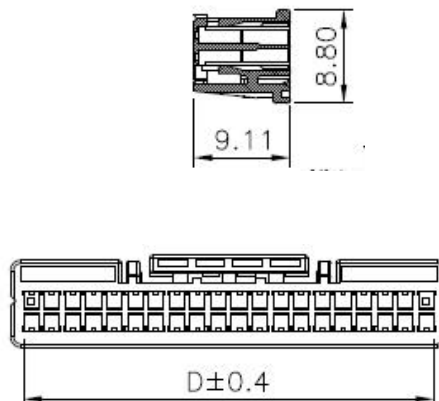
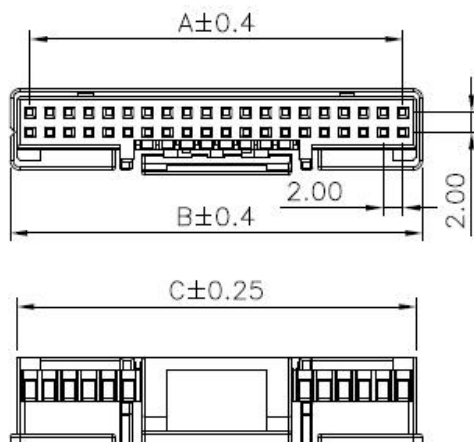
Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:800V AC/Minute



Ordering Information

H20012-XXP-A

1 2 3

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

Poles	Dimensions (mm)			
	A	3	C	D
08P	6.00	10.00	8.63	7.55
10P	8.00	12.00	10.63	9.55
12P	10.00	14.00	12.63	11.55
14P	12.00	16.00	14.63	13.55
16P	14.00	18.00	16.63	15.55
18P	16.00	20.00	18.63	17.55
20P	18.00	22.00	20.63	19.55
22P	20.00	24.00	22.63	21.55
24P	22.00	26.00	24.63	23.55
26P	24.00	28.00	26.63	25.55
28P	26.00	30.00	28.63	27.55
30P	28.00	32.00	30.63	29.55
32P	30.00	34.00	32.63	31.55
34P	32.00	36.00	34.63	33.55
36P	34.00	38.00	36.63	35.55
38P	36.00	40.00	38.63	37.55
40P	38.00	42.00	40.63	39.55

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.079" (2.00mm) Pitch Terminal

Specifications:

Material And Finish:

Contact: Phosphor Bronze with Tin-plated

Rating:

Current Rating: 3A AC/DC (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

APPLICABLE WIRE: AWG #22~#28

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Ordering Information

H20012T-PQ

1 2 3

1: — Series No.

2: — T: Terminal

3: — Plated:

Q: Tin Plated

