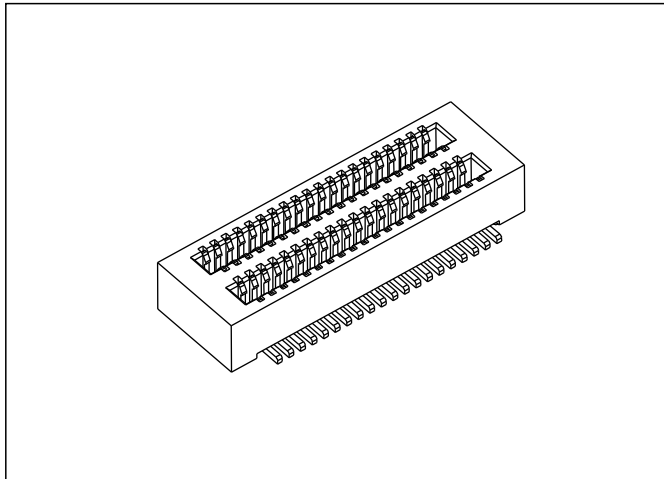


0.5mm Board to Board Socket

2001S-020 Series



Specifications:

Current rating : 0.5Amps
Voltage rating : 50V AC/DC
Contact resistance : 30m ohm.max.
Insulation resistance : 100M ohm.
Withstanding voltage : 100V AC for one minute
Temperature range : -20°C to +105°C

Material and Finish

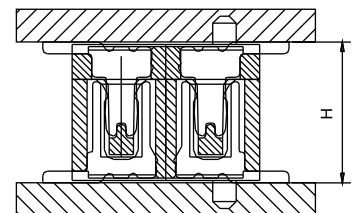
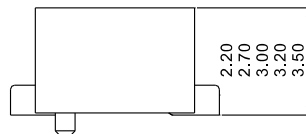
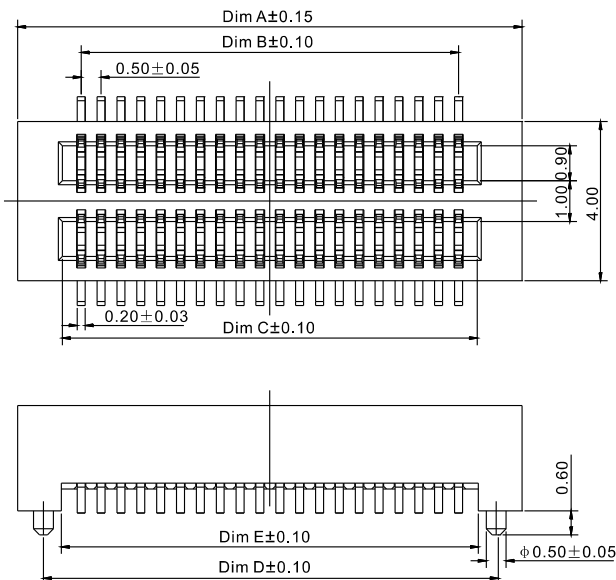
Insulator : High Temp. Plastic (UL94V-0)
Contact : Phosphor Bronze
Plating : Gold Plated

Feature

Mating Height: 3.5~6.0mm space
Design for Mobile Phone, MP3, Digital Camera

Mating Dimension

Stacking Height Varieties				
	2000P-XXG-240-020	2000P-XXG-290-020	2000P-XXG-390-020	2000P-XXG-440-020
2001S-XXG-220-020	3.0	3.5		
2001S-XXG-270-020		4.0		
2001S-XXG-320-020		4.5		
2001S-XXG-300-020			5.0	5.5
2001S-XXG-350-020				6.0



Mating Height Draw(Ref)

Engineering Dimension

Circuits	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
10	5.20	2.00	2.95	3.90	3.00
12	5.70	2.50	3.45	4.40	3.50
14	6.20	3.00	3.95	4.90	4.00
16	6.70	3.50	4.45	5.40	4.50
18	7.20	4.00	4.95	5.90	5.00
20	7.70	4.50	5.45	6.40	5.50
22	8.20	5.00	5.95	6.90	6.00
24	8.70	5.50	6.45	7.40	6.50
26	9.20	6.00	6.95	7.90	7.00
28	9.70	6.50	7.45	8.40	7.50
30	10.20	7.00	7.95	8.90	8.00
32	10.70	7.50	8.45	9.40	8.50
34	11.20	8.00	8.95	9.90	9.00

Circuits	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E
36	11.70	8.50	9.45	10.40	9.50
38	12.20	9.00	9.95	10.90	10.00
40	12.70	9.50	10.45	11.40	10.50
42	13.20	10.00	10.95	11.90	11.00
44	13.70	10.50	11.45	12.40	11.50
46	14.20	11.00	11.95	12.90	12.00
48	14.70	11.50	12.45	13.40	12.50
50	15.20	12.00	12.95	13.90	13.00
60	17.70	14.50	15.45	16.40	15.50
80	22.70	19.50	20.45	21.40	20.50
90	25.20	22.00	22.95	23.90	23.00
100	27.70	24.50	25.45	26.40	25.50
120	32.70	29.50	30.45	31.40	30.50

Ordering Information

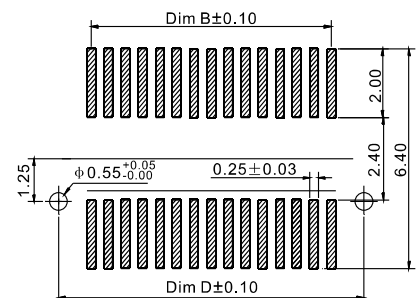
2001S-XXG-XXX-020

① ② ③ ④ ⑤

① S:Socket	② No. Of Contacts	④ Total Height (220,270,300,320,350)
	③ G:Gold Plated	⑤ Product Code

No. of contacts please consult to our sales dept.

Recommended PCB Layout



PCB LAYOUT

Unit:mm