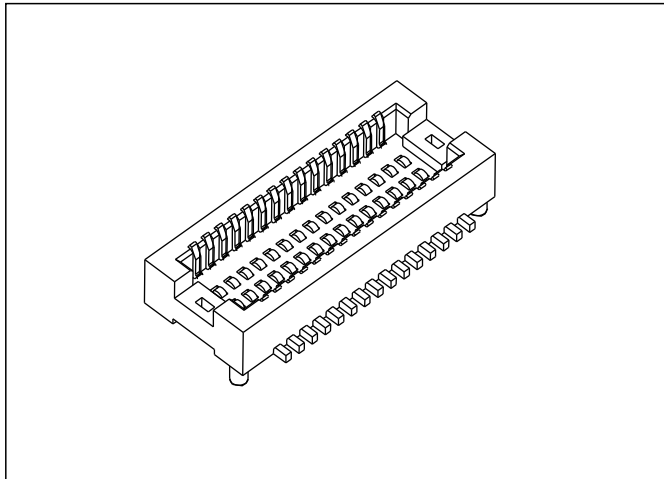


0.5mm Board to Board Plug

2000P Series



Specifications:

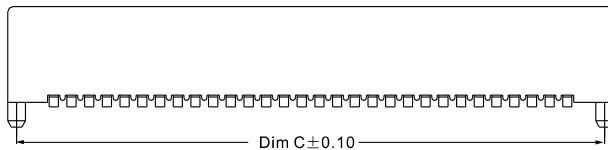
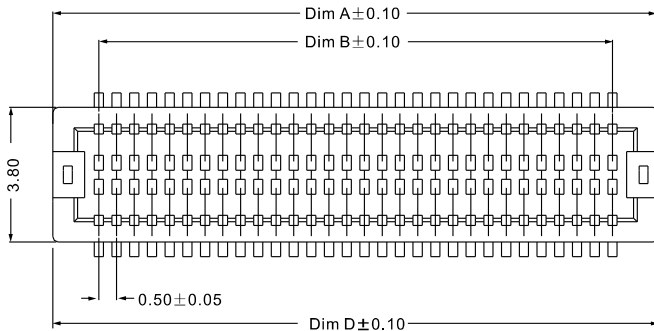
Current rating : 0.5A AC,DC
Voltage rating : 50V AC/DC
Contact resistance : 30m ohm. max
Insulation resistance : 100M ohm.min
Withstanding voltage : 100V AC/minute
Temperature range : -25°C to +105°C

Material and Finish

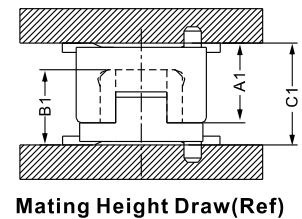
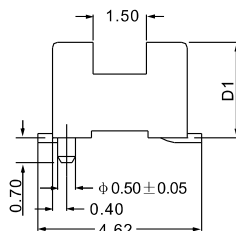
Insulator : High Temp. Plastic (UL94V-0)
Contact : Phosphor Bronze
Plating : Gold Plated

Feature

Mating Height: 2.5/3.0/3.5/4.0/4.5/5.0/
5.5/6.0/6.5mm Space
Design for Mobile Phone, MP3, Digital Camera



P/N(Plug)	P/N(Socket)	Male Height Dim A1	Female Height Dim B1	Mating Height Dim C1	Dim D1
2000P-XXG-170-01	2001S-XXG-170-01	1.83	1.83	2.5	1.70
2000P-XXG-220-01	2001S-XXG-220-01	2.33	2.33	3.0	2.20
2000P-XXG-270-01	2001S-XXG-220-01	2.83	2.33	3.5	2.70
2000P-XXG-270-01	2001S-XXG-270-01	2.83	2.83	4.0	2.70
2000P-XXG-320-01	2001S-XXG-270-01	3.33	2.83	4.5	3.20
2000P-XXG-220-01	2001S-XXG-420-01	2.33	4.33	5.0	2.20
2000P-XXG-270-01	2001S-XXG-420-01	2.83	4.33	5.5	2.70
2000P-XXG-270-01	2001S-XXG-470-01	2.83	4.83	6.0	2.70
2000P-XXG-320-01	2001S-XXG-470-01	3.33	4.83	6.5	3.20



Mating Height Draw(Ref)

Engineering Dimension

Circuits	Dim. A	Dim. B	Dim. C	Dim. D	Circuits	Dim. A	Dim. B	Dim. C	Dim. D
10	4.60	2.00	4.10	3.20	26	8.60	6.00	8.10	7.20
12	5.10	2.50	4.60	3.70	30	9.60	7.00	9.10	8.20
14	5.60	3.00	5.10	4.20	32	10.10	7.50	9.60	8.70
16	6.10	3.50	5.60	4.70	36	11.10	8.50	10.60	9.70
18	6.60	4.00	6.10	5.20	40	12.10	9.50	11.60	10.70
20	7.10	4.50	6.60	5.70	50	14.60	12.00	14.10	13.20
22	7.60	5.00	7.10	6.20	60	17.10	14.50	16.60	15.70
24	8.10	5.50	7.60	6.70					

Ordering Information

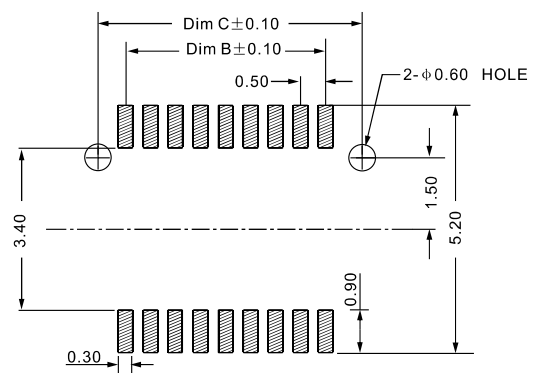
2000P — XXG — XXX — 01

① ② ③ ④ ⑤

① P: Plug	② No. Of Contacts	④ Height	⑤ W/O Metal Tab
	③ G: Gold Plated		

No. of contacts please consult to our sales dept.

Recommended PCB Layout



Unit:mm