

0.5mm Socket

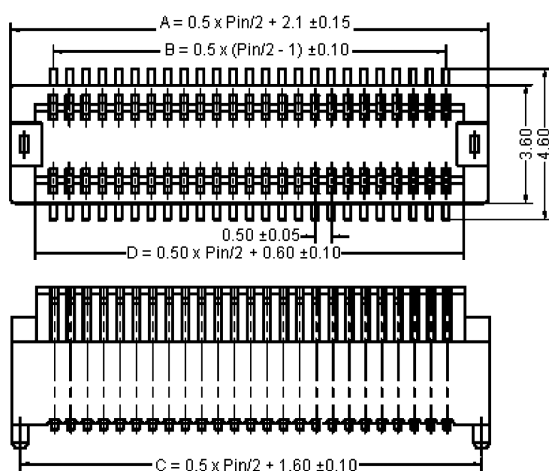


Specifications:

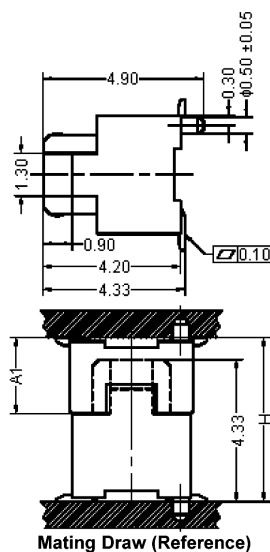
Current Rating	: 0.5A AC/DC
Voltage Rating	: 50V AC/DC
Maximum Contact Resistance	: 30mΩ
Minimum Insulation Resistance	: 100MΩ at 100V DC
Withstanding Voltage	: 100V AC for one minute
Operating Temperature Range	: -20°C to +105°C
No. of Rows	: 2
Pitch Spacing	: 0.5mm

Material and Plated:

Housing	: High temperature plastic (LCP beige)
Contact	: Phosphor bronze
Plated	: Gold
Contact Termination	: Solder
Connector Type	: Board to Board



PCB Layout



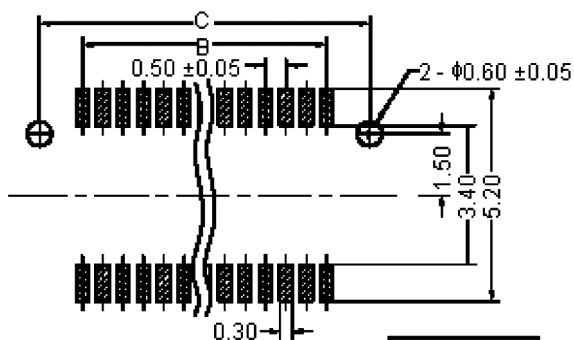
Mating Draw (Reference)

Dimensions : Millimetres

P/N (Plug)	Socket Height Dimension A1	Mating Height Dimension H
2001S - XXG - 420 - 01	2.33	5
	2.83	5.5

Dimensions : Millimetres

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Dimensions : Millimetres

Part Number	A	B	C	D
2001S-20G-420-01	7.1	4.5	6.6	5.6
2001S-30G-420-01	9.6	7	9.1	8.1
2001S-40G-420-01	12.1	9.5	11.6	10.6
2001S-50G-420-01	14.6	12	14.1	13.1
2001S-60G-420-01	17.1	14.5	16.6	15.6

Dimensions : Millimetres

Part Number Table

Description	Number of Positions	Part Number
0.5mm Socket - 4.2mm Profile Height	20	2001S-20G-420-01
	30	2001S-30G-420-01
	40	2001S-40G-420-01
	50	2001S-50G-420-01
	60	2001S-60G-420-01

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