

Specifications

Contact Resistance:	20mΩ max. at 100mA DC
Insulation Resistance:	5,000MΩ min. at 500V
Withstanding Voltage:	500V AC
Current Rating:	1A
Operating Temp. Range:	-40°C to +105°C
Soldering Temp.:	230°C min. / 60 sec., 250°C peak

Materials and Finish

Insulator:	Nylon 6T, glass reinforced, UL 94V-0 rated
Terminals:	Phosphor bronze
Contact Plating:	Au Flash

Features

- Pin count from 6 to 60

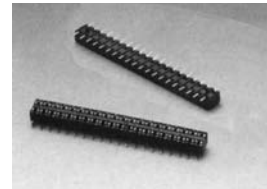
Part Number (Details)

ZS6A - ** G2

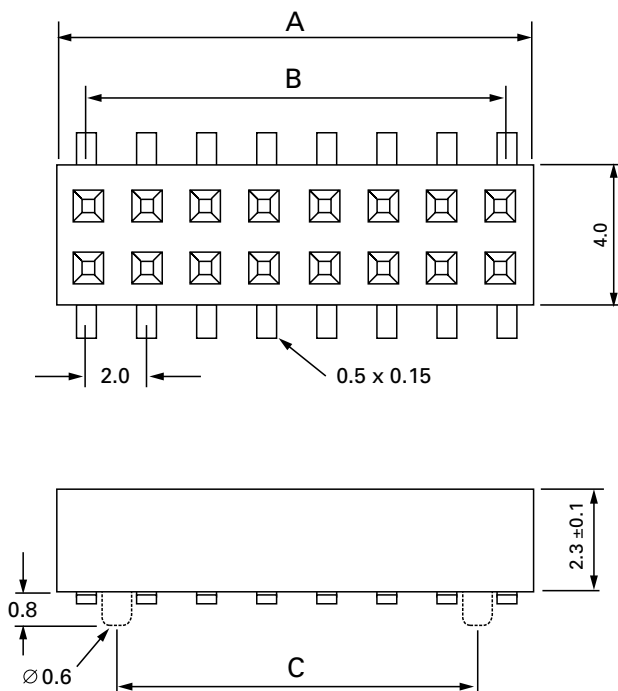
Series No.

No. of Contact Pins
(6 to 60)

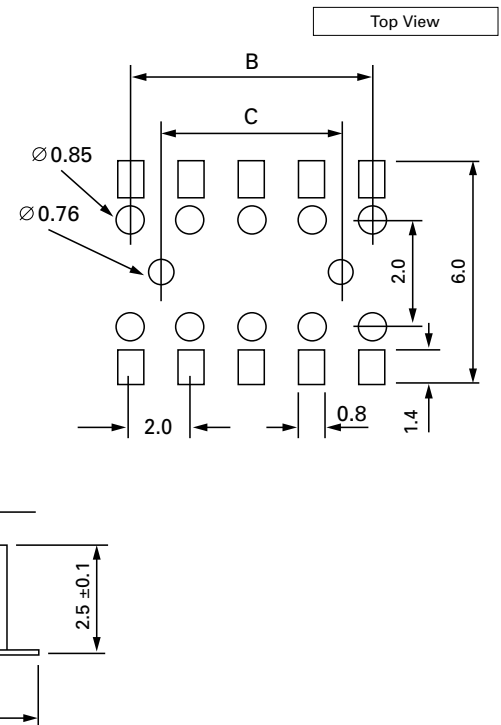
Mating Face Plating:
G2 = Gold Flash



Outline Connector Dimensions



Recommended PCB Layout



Dimensional Information

Part Number	Dim. A	Dim. B	Dim. C
ZS6A-06-G2	6.0	4.0	2.0
ZS6A-08-G2	8.0	6.0	4.0
ZS6A-10-G2	10.0	8.0	6.0
ZS6A-12-G2	12.0	10.0	8.0
ZS6A-14-G2	14.0	12.0	10.0
ZS6A-16-G2	16.0	14.0	12.0
ZS6A-18-G2	18.0	16.0	14.0
ZS6A-20-G2	20.0	18.0	16.0
ZS6A-22-G2	22.0	20.0	18.0
ZS6A-24-G2	24.0	22.0	20.0
ZS6A-26-G2	26.0	24.0	22.0
ZS6A-28-G2	28.0	26.0	24.0
ZS6A-30-G2	30.0	28.0	26.0
ZS6A-32-G2	32.0	30.0	28.0

Part Number	Dim. A	Dim. B	Dim. C
ZS6A-34-G2	34.0	32.0	30.0
ZS6A-36-G2	36.0	34.0	32.0
ZS6A-38-G2	38.0	36.0	34.0
ZS6A-40-G2	40.0	38.0	36.0
ZS6A-42-G2	42.0	40.0	38.0
ZS6A-44-G2	44.0	42.0	40.0
ZS6A-46-G2	46.0	44.0	42.0
ZS6A-48-G2	48.0	46.0	44.0
ZS6A-50-G2	50.0	48.0	46.0
ZS6A-52-G2	52.0	50.0	48.0
ZS6A-54-G2	54.0	52.0	50.0
ZS6A-56-G2	56.0	54.0	52.0
ZS6A-58-G2	58.0	56.0	54.0
ZS6A-60-G2	60.0	58.0	56.0