

Specifications

Contact Resistance:	30mΩ
Insulation Resistance:	5,000MΩ min at 500V DC
Current Rating:	1.5A
Operating Temperature Range:	-40°C to +105°C
Withstanding Voltage:	500V AC for 1 minute
Soldering Temp.:	220°C min. / 60 sec., 250°C peak

Materials and Finish

Housing:	Nylon6T, UL 94V-0
Terminals:	Bronze or Phosphor Bronze
Contact Plating:	Gold Flash



Features

- ↳ Pin count from 6 to 68
- ↳ Mates with ZS1 and ZS1N Series

Part Number (Details)

ZP7 - ** - **SS** - **G**

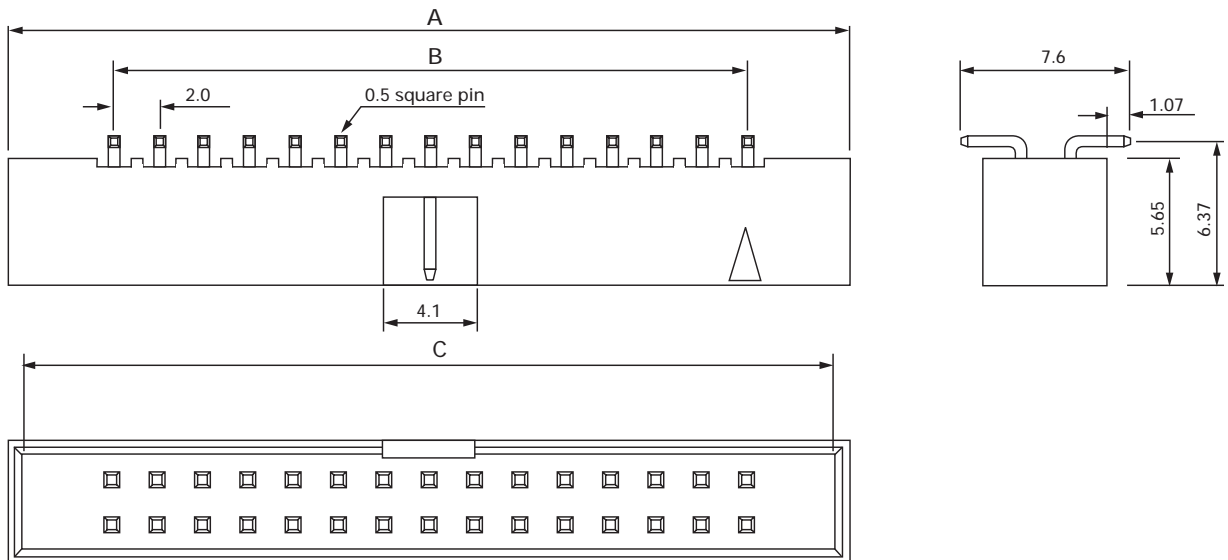
Series No.

No. of Contact Pins

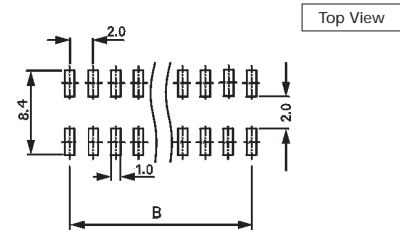
Terminal Style:
SS = 180° (SMT)

Mating Face Plating:
G = Gold Flash

Outline Connector Dimensions



Recommended PCB Layouts



Dimensional Information

Part Number	Dim. A	Dim. B	Dim. C	Part Number	Dim. A	Dim. B	Dim. C
ZP7-6-SS-G	13.06	4.00	11.90	ZP7-28-SS-G	35.06	26.00	33.90
ZP7-8-SS-G	15.06	6.00	13.90	ZP7-30-SS-G	37.06	28.00	35.90
ZP7-10-SS-G	17.06	8.00	15.90	ZP7-32-SS-G	39.06	30.00	37.90
ZP7-12-SS-G	19.06	10.00	17.90	ZP7-34-SS-G	41.06	32.00	39.90
ZP7-14-SS-G	21.06	12.00	19.90	ZP7-36-SS-G	43.06	34.00	41.90
ZP7-16-SS-G	23.06	14.00	21.90	ZP7-40-SS-G	47.06	38.00	45.90
ZP7-18-SS-G	25.06	16.00	23.90	ZP7-44-SS-G	51.06	42.00	49.90
ZP7-20-SS-G	27.06	20.00	25.90	ZP7-50-SS-G	57.06	48.00	55.90
ZP7-22-SS-G	29.06	20.00	27.90	ZP7-60-SS-G	67.06	58.00	65.90
ZP7-24-SS-G	31.06	22.00	29.90	ZP7-64-SS-G	71.06	62.00	69.90
ZP7-26-SS-G	33.06	24.00	31.90	ZP7-68-SS-G	75.06	66.00	73.90