

Specifications

Contact Resistance: 30mΩ max. at 6 V DC
 Insulation Resistance: 1,000MΩ min at 500 V DC
 Current Rating: 1A
 Operating Temperature Range: -40°C to +105°C
 Withstanding Voltage: 500 V AC for 1 minute

Materials and Finish

Housing: PBT and glass reinforced, UL 94V-0
 Terminals: Copper Alloy
 Contact Plating: Gold Flash or Tin

Features

◇ Pin count from 4 to 50

Part Number (Details)

ZP7 - ** - * - *

Series No.

No. of Contact Pins

Terminal Style:

A = 90° (TH)

S = 180° (TH)

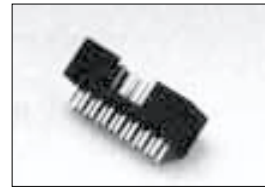
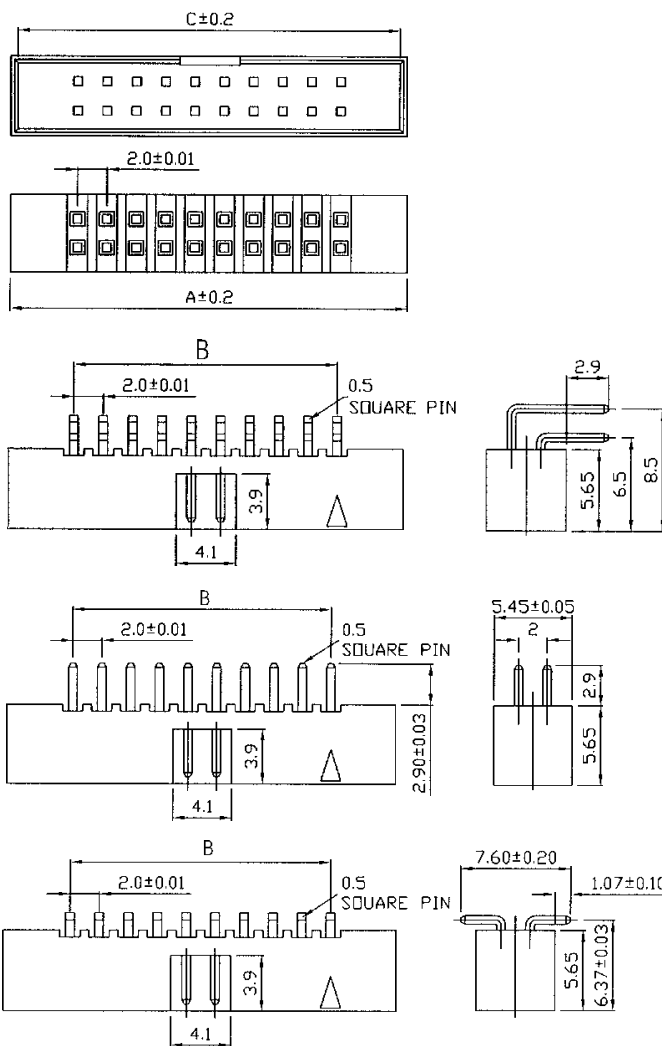
SS = 180° (SMT)

Mating Face Plating:

G = Gold Flash

G2T = Selective Gold

Outline Connector Dimensions



Terminal Style (TH)
90° (A)

Terminal Style (TH)
180° (S)

Terminal Style (SMT)
180° (SS)

Dimensional Information

| Part Number | Dim. A | Dim. B | Dim. C | Part Number | Dim. A | Dim. B | Dim. C |
|-------------|--------|--------|--------|-------------|--------|--------|--------|
| ZP7-4-**-* | 11.02 | 2.00 | 10.00 | ZP7-26-**-* | 33.09 | 24.00 | 32.16 |
| ZP7-6-**-* | 13.07 | 4.00 | 12.02 | ZP7-30-**-* | 37.20 | 28.00 | 36.18 |
| ZP7-8-**-* | 15.08 | 6.00 | 14.08 | ZP7-32-**-* | 39.20 | 30.00 | 38.20 |
| ZP7-10-**-* | 17.05 | 8.00 | 16.08 | ZP7-36-**-* | 43.21 | 34.00 | 42.22 |
| ZP7-12-**-* | 19.03 | 10.00 | 18.08 | ZP7-40-**-* | 47.26 | 38.00 | 46.20 |
| ZP7-14-**-* | 21.05 | 12.00 | 20.08 | ZP7-44-**-* | 51.26 | 42.00 | 50.26 |
| ZP7-20-**-* | 27.14 | 18.00 | 26.15 | ZP7-50-**-* | 57.29 | 48.00 | 56.25 |
| ZP7-24-**-* | 31.20 | 22.00 | 30.20 | | | | |