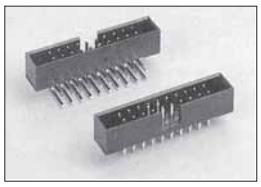
ZP7 Series

180° / 90° - TH Dual Row Box Header

Specifications

Contact Resistance:	30mΩ
Insulation Resistance:	3,000MΩ min.
Current Rating:	1A
Operating Temperature Range:	–40°C to +105°C
Withstanding Voltage:	500V AC for 1 minute
Soldering Temp.:	260°C / 3 sec.

RoHS



Part Number (Details)

ZP7 - ** - * - *

- Series No.
- No. of Contact Pins
- Terminal Style:
  A = 90° (TH)
  S = 180° (TH)
- Mating Face Plating:
  G = Gold Flash
  G2T = Selective Gold

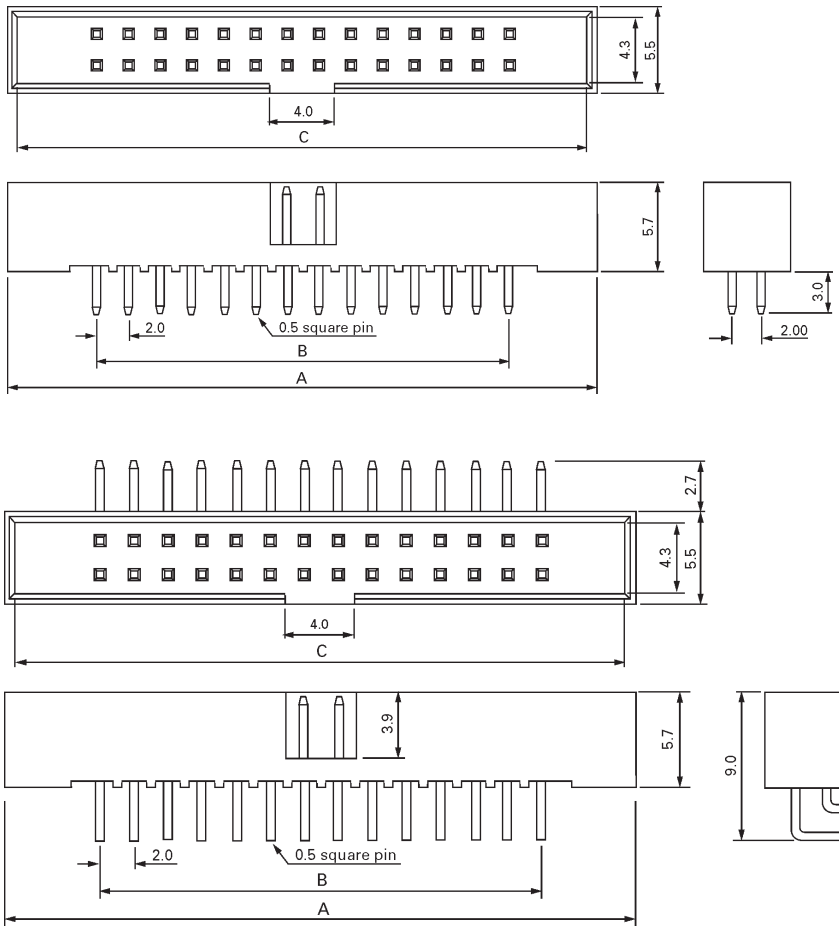
Materials and Finish

Housing:	LCP glass reinforced, UL 94V-0
Terminals:	Phosphor Bronze or Brass
Contact Plating:	Gold Flash or Selective Gold

Features

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

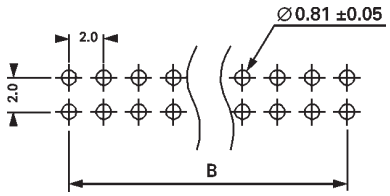
Outline Connector Dimensions



Recommended PCB Layouts

PCB for 90° and 180° TH

Top View



Dimensional Information

Part Number	Dim. A	Dim. B	Dim. C
ZP7-6-*-*	13.10	4.00	12.10
ZP7-8-*-*	15.10	6.00	14.10
ZP7-10-*-*	17.10	8.00	16.10
ZP7-12-*-*	19.10	10.00	18.10
ZP7-14-*-*	21.10	12.00	20.10
ZP7-16-*-*	23.10	14.00	22.10
ZP7-20-*-*	27.10	18.00	26.10
ZP7-22-*-*	29.10	20.00	28.10
ZP7-24-*-*	31.10	22.00	30.10

Part Number	Dim. A	Dim. B	Dim. C
ZP7-26-*-*	33.10	24.00	32.10
ZP7-30-*-*	37.10	28.00	36.10
ZP7-34-*-*	41.10	32.00	40.10
ZP7-36-*-*	43.10	34.00	42.10
ZP7-40-*-*	47.10	38.00	46.10
ZP7-44-*-*	51.10	42.00	50.10
ZP7-50-*-*	57.10	48.00	56.10
ZP7-68-*-*	75.10	66.00	74.10