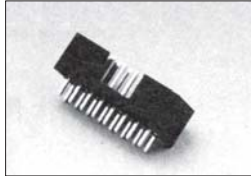


Specifications

Contact Resistance: 30mΩ max. at 6V DC
 Insulation Resistance: 1,000MΩ min at 500V DC
 Current Rating: 1A
 Operating Temperature Range: -40°C to +105°C
 Withstanding Voltage: 500V 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 10 to 50
- Mates with ZS1 and ZS1N Series

Part Number (Details)

ZP7N - ** - * - *

Series No.

No. of Contact Pins

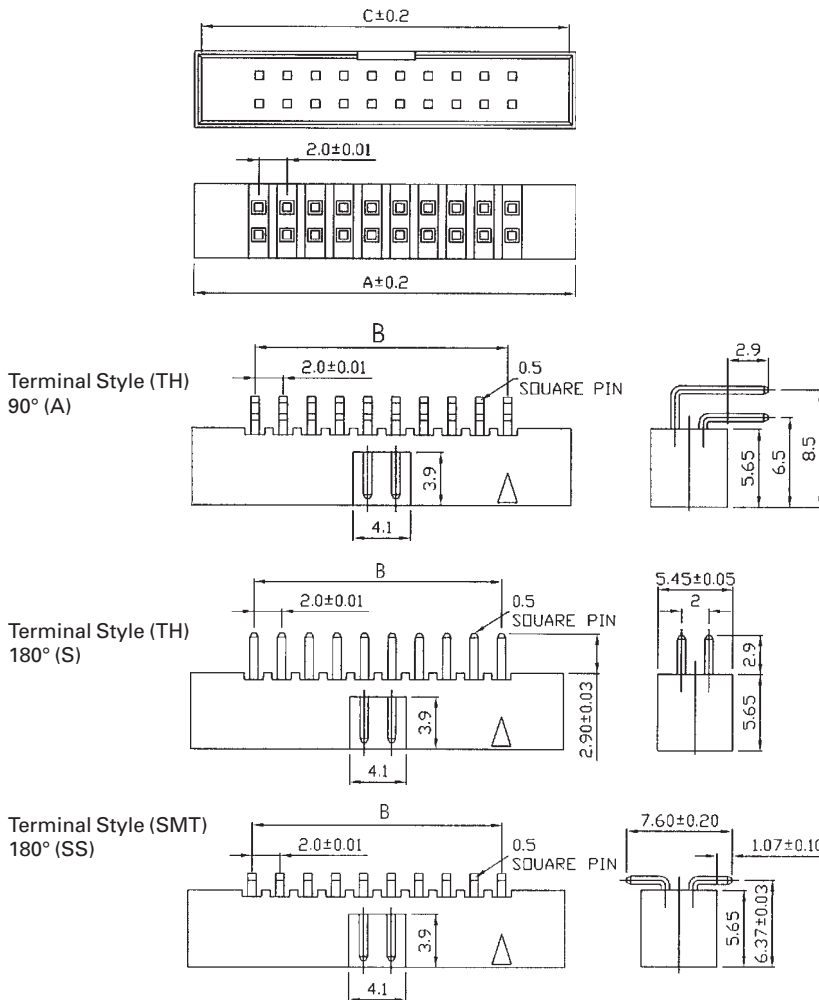
Terminal Style:

A = 90° (TH)
 S = 180° (TH)
 SS = 180° (SMT)

Mating Face Plating:

G = Gold Flash
 G2T = Selective Gold

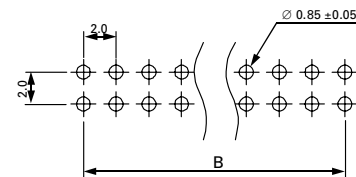
Outline Connector Dimensions



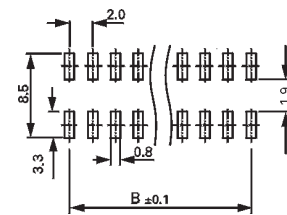
Recommended PCB Layouts

Top View

PCB for 90° and 180° TH



PCB for 180° SMT



Dimensional Information

Part Number	Dim. A	Dim. B	Dim. C	Part Number	Dim. A	Dim. B	Dim. C
ZP7N-10-*. *	17.00	8.00	16.00	ZP7N-36-*. *	43.00	34.00	42.00
ZP7N-12-*. *	19.00	10.00	18.00	ZP7N-40-*. *	47.00	38.00	46.00
ZP7N-14-*. *	21.00	12.00	20.00	ZP7N-44-*. *	51.00	42.00	50.00
ZP7N-20-*. *	27.00	18.00	26.00	ZP7N-50-*. *	54.00	48.00	56.00
ZP7N-24-*. *	31.00	22.00	30.00	ZP7N-60-SS-*	67.00	58.00	64.00
ZP7N-26-*. *	33.00	24.00	32.00	ZP7N-64-SS-*	71.00	62.00	70.00
ZP7N-30-*. *	37.00	28.00	36.00	ZP7N-68-SS-*	75.00	64.00	74.00
ZP7N-32-*. *	39.00	30.00	38.00				