

Features, SMT Type

- ▲ Low Profile Construction
- ▲ SMT Process Compatible
- ▲ Extraction Tool Slots
- ▲ Solder Tails Exposed for Inspection

Features, PTH Type

- ▲ SMT Process Compatible
- ▲ Closed Bottom Eliminates Solder Wicking
- ▲ Board Standoffs for Effective Washing
- ▲ Extraction Tool Slots

Specifications

Materials

Insulators: UL 94V-0 rated, glass filled Polyphenylene Sulphide, color Brown

Contacts: Phosphor Bronze, Tin-Lead plated over Nickel underplate

Electrical

Contact Current Rating: 1 Amp

Contact Resistance: 20 milliohms max.

Rated Voltage: 500 vac

Dielectric Withstanding Voltage: 500 V r.m.s. for 1 minute (sea level)

Insulation Resistance: 1000 Megohm min.

Mechanical

Contact Retention: 10 ozf (300gf) min.

Environmental

Temperature Rating: -55°C to 105°C
(PBT: -55°C to 85°C)



Ordering Information

PLC Y -68 S - □□

Series _____

.050" Pitch _____

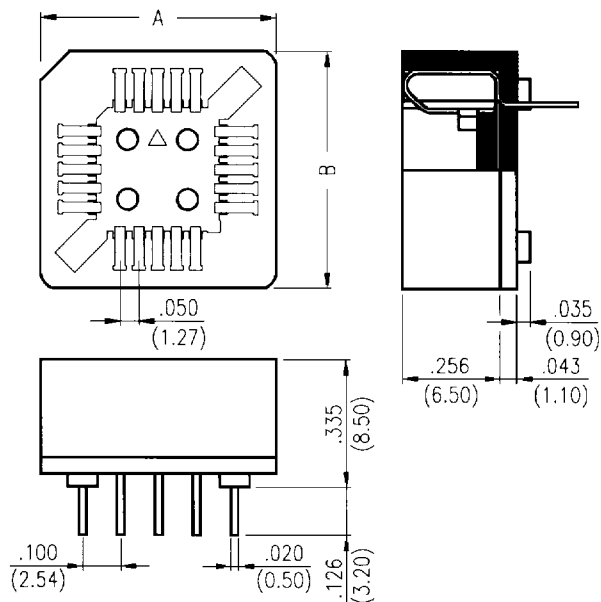
No. of contacts _____
20, 28, 32, 44, 52, 68, 84

Style _____
S = SMT type
SP = SMT type, with orientation pegs
T = Through Hole

Options _____
Material: (Std. = PPS)
B1 = PBT insulator (Style T only)

Specifications subject to change. Dimensions in $\frac{\text{ins.}}{(\text{mm})}$
Tolerance $\frac{.010}{(0.25)}$ unless otherwise specified.

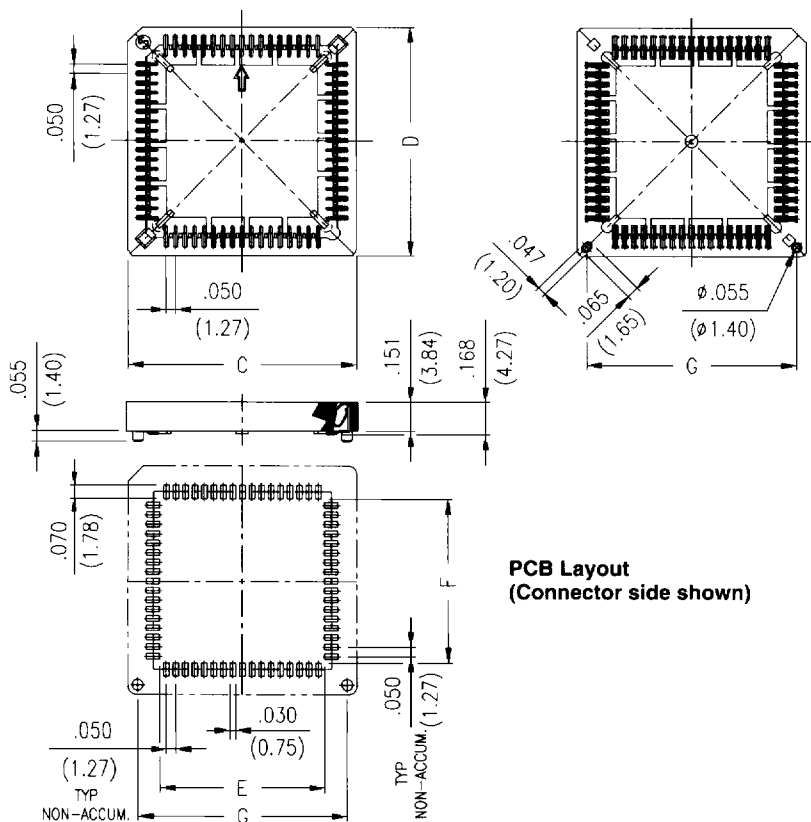
Leaded PTH Type



Dimensions

POS	A	B	C	D	E	F	G
20	0.619 (15.72)	0.619 (15.72)	0.585 (14.86)	0.585 (14.86)	0.266 (6.76)	0.266 (6.76)	0.500 (12.70)
28	0.719 (18.26)	0.719 (18.26)	0.685 (17.40)	0.685 (17.40)	0.366 (9.30)	0.366 (9.30)	0.600 (15.24)
32	0.811 (20.60)	0.719 (18.26)	0.766 (19.45)	0.665 (16.90)	0.466 (11.84)	0.366 (9.30)	0.700 (17.78)
44	0.919 (23.34)	0.919 (23.34)	0.885 (22.48)	0.885 (22.48)	0.566 (14.38)	0.566 (14.38)	0.800 (20.32)
52	1.019 (25.88)	1.019 (25.88)	1.000 (25.40)	1.000 (25.40)	0.669 (17.00)	0.669 (17.00)	0.900 (22.86)
68	1.219 (30.96)	1.219 (30.96)	1.202 (30.54)	1.202 (30.54)	0.866 (22.00)	0.866 (30.54)	1.100 (27.94)
84	1.419 (36.04)	1.419 (36.04)	1.400 (35.56)	1.400 (35.56)	1.068 (27.12)	1.068 (27.12)	1.300 (33.02)

SMT Type



PCB Layout
(Connector side shown)