PLCC SOCKET

8100 SERIES. PLCC Socket.

General Features

- Available in 20, 28, 32, 44, 52, 68 and 84 circuits
- Contact area: flex contact tin plating over 50 µ nickel
- Solder area: tin plating over 50 µ nickel
- Prevents damage from IC device through a fully shrouded carrier
- Low profile

Electrical Features

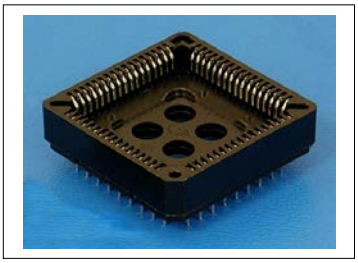
- Voltage rating: < 250 V
- Current rating: < 1 A
- Contact resistance: < 30 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

Materials

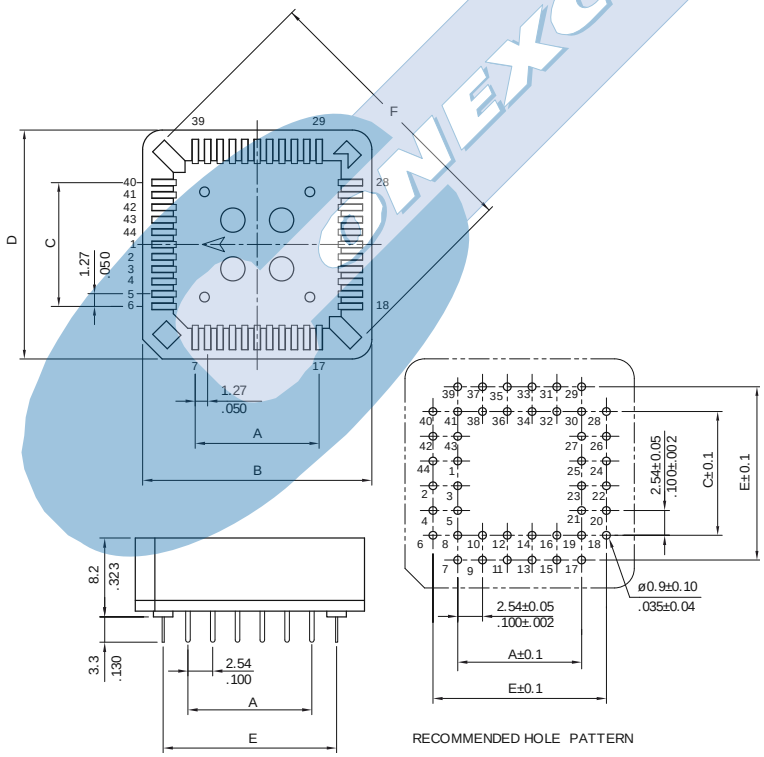
- Insulator: PPS UL 94 V-0
- Contact: Phosphor Bronze
- Operating temperature. -25ºC to +85ºC
- RoHS compliant

Mechanical Features

- Pin retention force to insulator: 0.40 Kgf
- Durability: 25 cycles



Dimensional Information



8100 - T- XX- 1

1 2 3 4

1. Series

2. Plating Options

- T = **2.** Tin plated
  Recommended Finish

3. Number of circuits

- Available in 20 through 84 circuits

CIRCUITS	DIMENSIONS					
	A	B	C	D	E	F
20	5.08 (.200)	15.50 (.610)	5.08 (.200)	15.50 (.610)	10.16 (.400)	18.40 (.724)
28	7.62 (.300)	18.00 (.709)	7.62 (.300)	18.00 (.709)	21.00 (.828)	21.00 (.828)
32	10.16 (.400)	20.60 (.811)	10.16 (.400)	20.60 (.811)	22.80 (.898)	22.80 (.898)
44	12.70 (.500)	23.50 (.926)	12.70 (.500)	23.50 (.926)	28.70 (1.130)	28.70 (1.130)
52	15.24 (.600)	25.90 (1.020)	15.24 (.600)	25.90 (1.020)	32.00 (1.260)	32.00 (1.260)
68	20.32 (.800)	31.66 (1.246)	20.32 (.800)	31.66 (1.246)	40.00 (1.575)	40.00 (1.575)
84	25.40 (1.000)	36.66 (1.443)	25.40 (1.000)	36.66 (1.443)	46.40 (1.827)	46.40 (1.827)