

# Chip Carrier-Socket – PLCC

For square plastic chip carrier of 1.27 mm / .050" pitch  
IC Sockets – Stamped and formed contact version

## Technical Data

### Material

- Contact: Phosphor bronze
- Surface of contact: 2 μm / 80 μ" nickel, 3 μm / 120 μ" tin
- Surface of terminal: 2 μm / 80 μ" nickel, 3.5 μm / 140 μ" tin
- Insulator body: Glass filled thermoplastic (UL 94 V-0 rated), black PPS (brown) on request

### Electrical

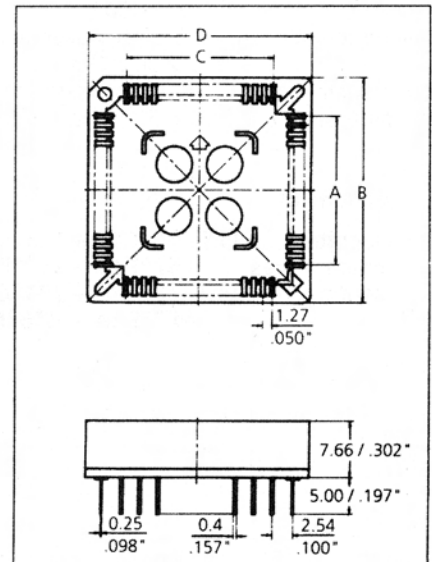
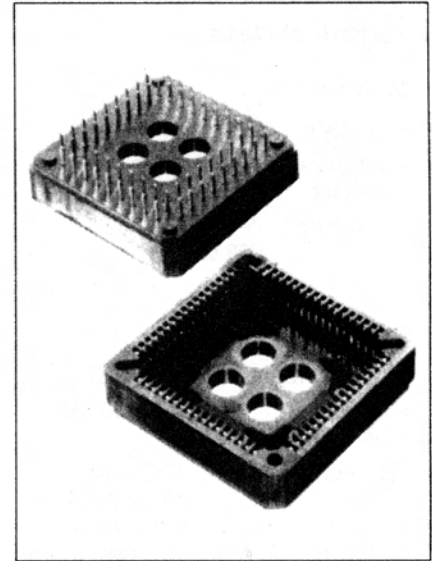
- Current rating: 1 Amp / Pin max.
- Contact resistance: < 30 mΩ
- Insulation resistance: > 1000 MΩ at 100 V DC
- Withstanding voltage: AC 600 Vrms (1 minute)

### Mechanical

- Operating temperatures: -55°C to +105°C (-67°F to +221°F) (continuous):
- Mechanical life cycles: 25 min.
- Soldering temperature: 240°C, 464°F, 10 seconds max.

## Applications and Features

- Accepts 'JEDEC' type A, leaded chip carrier
- Special contact design for high reliability and good withstanding to vibration and shock
- Solder tails are positioned on 2.54 mm / .100" square grid
- Low profile type
- Stand-off's for cleaning and heat dissipation
- Visual polarization for easy assembly



All dimensions in mm / inches

## How to order

Please replace **X** with appropriate coding listed in the tables below

1 5 0 - **X X X** - 1 1 - 0 1

### Number of Contacts

Definition	Code	A	B	C	D
20 contacts =	020	5.08 / .200"	15.56 / .613"	5.08 / .200"	15.56 / .613"
28 contacts =	028	7.62 / .300"	18.10 / .713"	7.62 / .300"	18.10 / .713"
32 contacts =	032	10.16 / .400"	20.64 / .813"	7.62 / .300"	18.10 / .713"
44 contacts =	044	12.70 / .500"	23.18 / .913"	12.70 / .500"	23.18 / .913"
52 contacts =	052	15.24 / .600"	25.72 / 1.013"	15.24 / .600"	25.72 / 1.013"
68 contacts =	068	20.32 / .800"	30.80 / 1.213"	20.32 / .800"	30.80 / 1.213"
84 contacts =	084	25.40 / 1.000"	35.88 / 1.413"	25.40 / 1.000"	35.88 / 1.413"
100 contacts =	100	30.48 / 1.200"	40.96 / 1.613"	30.48 / 1.200"	40.96 / 1.613"

### Contact Plating

Definition	Code
Tin – standard execution	= 1

All dimensions in mm / inches