

## PX Series Through Hole PLCC Socket

**Features** 

- Applications Include All Electronic PC Boards Requiring the Conversion of a .050" Pitch Chip Carrier to a .100" x .100" Grid Through Board Application
- Accepts Molded Plastic Chip Carriers Conforming to JEDEC Specification MO-047 for Square and MO-052 for Rectangular Configuration
- Visual and Mechanical Polarization for PXLCC Insertion
- Closed Bottom for Excellent Protection from Solder Wicking Into Contact Area
- Molded-In Stand-Offs Allow Easy Removal of Flux Residue
- Extraction Tool Slots\*
- Open Top Design for Cooler Running Chip Carrier
- Automatic Insertion Machine Compatible
- CSA/NRTL Certified File No. LR78160

### Performance Specifications Materials and Finish

Body

LCC: PBT Thermoplastic 30% Glass Filled,  
UL94V-0 Rated, Black Color

LCC-1: PPS Thermoplastic, 40% Glass Filled,  
UL94V-0 Rated, Brown Color

Contact Material

Phosphor Bronze

Contact Finish Tin over nickel

Copper Alloy

### Electrical Characteristics

Contact Current Rating: 1 Amp

Contact Resistance: 15 Milliohms Max.

Dielectric Withstanding Voltage: 1000V AC Min. for 1 Minute

Insulation Resistance: 10000 Megohms Min.

Temperature Rating: - 40°C to +105°C

\* PXLCC Extraction Tool P/N TLP-PXLCC

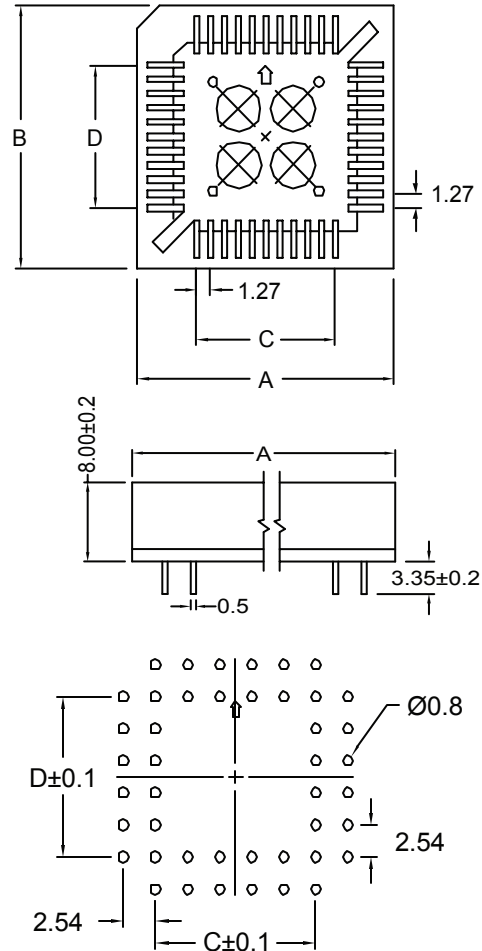
## CHIP CARRIER SOCKETS

### PX Series

### Ordering Information

|        |   |                    |                        |
|--------|---|--------------------|------------------------|
| PX     | - | 44                 | LCC                    |
| Series |   | Number of Contacts | LCC: PBT<br>LCC-1: PPS |

### Dimensions



### Recommended PCB Layout (Top View)

| Dimensions         |       |       |       |       |
|--------------------|-------|-------|-------|-------|
| Number of Contacts | A±0.2 | B±0.2 | C±0.1 | D±0.1 |
| 20                 | 15.50 | 15.50 | 5.08  | 5.08  |
| 28                 | 18.05 | 18.50 | 7.62  | 7.62  |
| 32                 | 18.05 | 20.60 | 7.62  | 10.16 |
| 44                 | 23.50 | 23.50 | 12.70 | 12.70 |
| 52                 | 25.88 | 25.88 | 15.24 | 15.24 |
| 68                 | 31.66 | 31.66 | 20.32 | 20.32 |
| 84                 | 36.66 | 36.66 | 25.40 | 25.40 |