

## 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

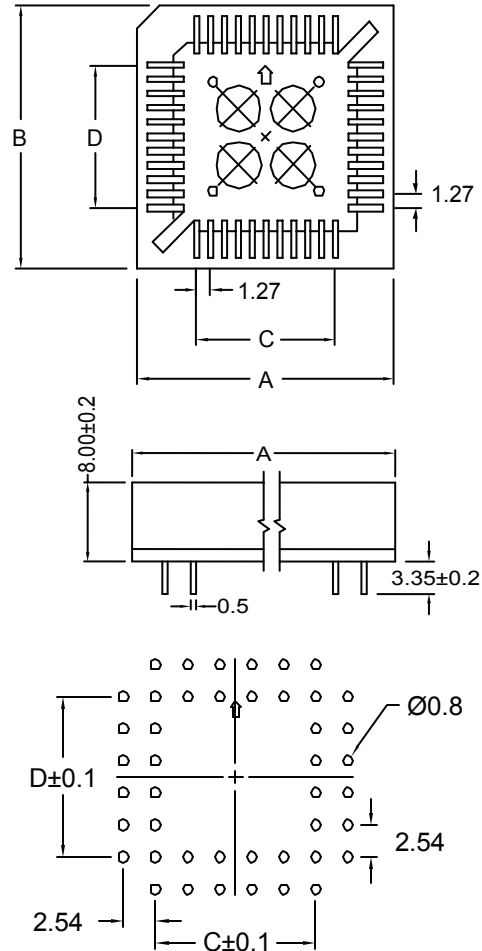
## CHIP CARRIER SOCKETS

### PX Series

### Ordering Information

PX	-	44	LCC
Series		Number of Contacts	LCC: PBT 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