



CHIP CARRIER SOCKETS: SMPX Series

Surface Mount PLCC Socket

Product Features

Applications Include All Electronic PC Boards Requiring Use of a Socket with Same Footprints as Most Common Plastic Leaded Chip Carriers
 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
 Open Frame Design for Ease of Contact Inspection & Repair
 For High Temperature SMT Soldering up to 230 °C
 Optional PCB Polarizing Pegs Available
 Low profile; Less than .2" Mated Height
 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

High Temperature Thermoplastic, Brown Color

Contact Material

Phosphor Bronze

Contact Finish

160µ" Tin over Nickel Plating

Electrical Characteristics

Contact Current Rating

1 A

Contact Resistance

15 milliohms Max.

Dielectric Withstanding Voltage

1000VAC Min. for 1 Minute

Insulation Resistance

10000 Megohms Min

Temperature Rating

-50°C to +105°C

* PXLCC Extraction Tool P/N TLPX-PXLCC

| | | | |
|-----------------------|---------------------|----------------------|------------------|
| 2D Drawing | IGES | STEP | 3D PDF |
| Solder Profile | CofC RoHS Compliant | CofC REACH Compliant | UL Plastic File |
| Certificate of Origin | Check Stock | Request a Sample | Send Us An Email |

Generated Part Number

Part Number Builder

| | | | | | |
|----------------------|---|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | - | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Series | | Number of Contact | Body Type | Polarized | Packaging |

Series

SMPX - Surface Mount PLCC Socket

Number of Contacts

20 - 20 Contacts

28 - 28 Contacts

32 - 32 Contacts

44 - 44 Contacts

52 - 52 Contacts

68 - 68 Contacts

84 - 84 Contacts

Polarized

N - Non-Polarized

P - Polarized

Packaging

Blank - Tubes

TR - Tape and Reel (Available only with N Option)

Contact Kycon for other Options

SMPX- Series

Dimensions in mm



| Number of Contacts | Dimensions in mm | | | | | | | |
|--------------------|------------------|-------|-------|-------|-------|-------|--------|--------|
| | A±0.2 | B±0.2 | C±0.1 | D±0.1 | E±0.2 | F±0.2 | G±0.15 | H±0.15 |
| 20 | 15.65 | 15.65 | 5.08 | 5.08 | 16.80 | 12.70 | 9.56 | 9.56 |
| 28 | 18.18 | 18.18 | 7.62 | 7.62 | 20.40 | 15.24 | 12.10 | 12.10 |
| 32 | 18.18 | 20.75 | 7.62 | 10.16 | 22.20 | 17.78 | 14.64 | 12.10 |
| 44 | 23.28 | 23.28 | 12.70 | 12.70 | 31.20 | 20.32 | 17.18 | 17.18 |
| 52 | 25.84 | 25.84 | 15.24 | 15.24 | 32.20 | 22.86 | 19.72 | 19.72 |
| 68 | 30.95 | 30.95 | 20.32 | 20.32 | 38.40 | 27.94 | 24.80 | 24.80 |
| 84 | 36.00 | 36.00 | 25.40 | 25.40 | 45.60 | 33.02 | 29.88 | 29.88 |