



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

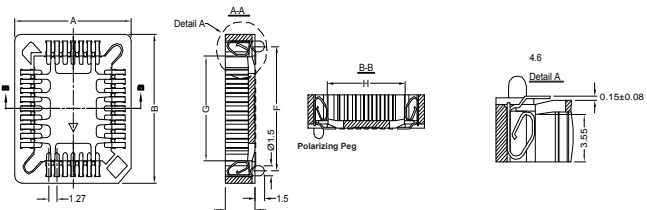
Packaging

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 |