



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

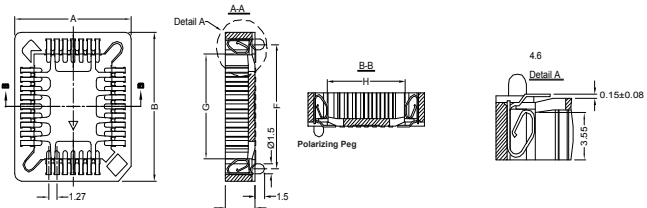
Packaging

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