



## 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, Black 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

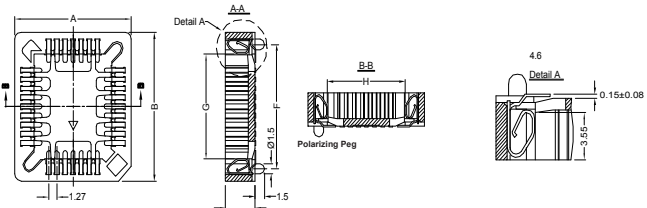
#### Packaging

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

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