



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](#)
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Generated Part Number

Part Number Builder

	-				
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

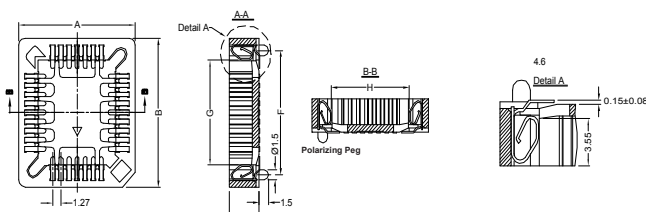
Blank - Tubes

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

Contact Kycon for other Options

SMPX- Series

Dimensions in mm



Dimensions in mm

Number of Contacts	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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[SMPX-20LCC-N](#) [SMPX-44LCC-N](#) [SMPX-32LCC-N](#) [SMPX-52LCC-N](#) [SMPX-84LCC-N](#) [SMPX-52LCC-N-TR](#) [SMPX-32LCC-N-TR](#) [SMPX-68LCC-N](#) [SMPX-28LCC-N](#) [SMPX-44LCC-N-TR](#) [SMPX-20LCC-N-TR](#) [SMPX-28LCC-N-TR](#) [SMPX-68LCC-P](#) [SMPX-52LCC-P](#) [SMPX-84LCC-P](#) [SMPX-20LCC-P](#) [SMPX-44LCC-P](#) [SMPX-32LCC-P](#) [SMPX-28LCC-P](#)