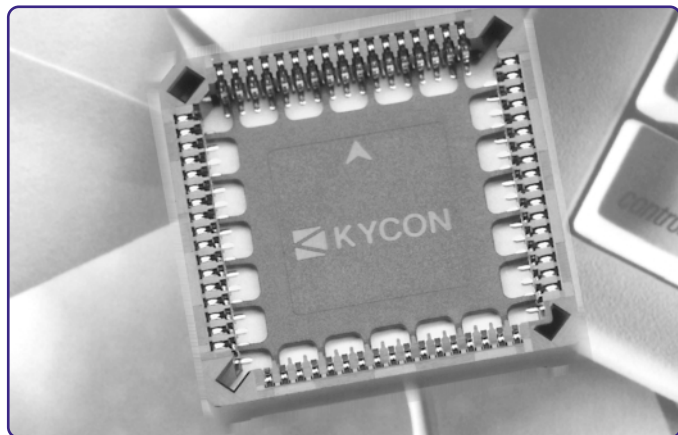




SMP Series Slim Design Surface Mount PLCC Socket

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 PLCC Insertion
- Open Frame Design for Ease of Contact Inspection and Repair
- Optional PCB Polarizing Pegs Available
- Slimmer Design Saves on Board Space
- Extraction Tool Slots*
- Open Top Design for Cooler Running Chip Carrier
- Automatic Insertion Machine Compatible
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials

Body

PPS Thermoplastic, UL94V-0 Rated, Brown Color 

Contact Material

Phosphor Bronze

Contact Finish

Tin Over Nickel Plating

Electrical Characteristics

Contact Current Rating: 1 Amp

Contact Resistance: 15 Milliohms Max.

Dielectric Withstanding Voltage: 1000 V AC Min. for 1 Minute

Insulation Resistance: 1000 Megohms Min.

Operating Temperature: -55°C to +105°C

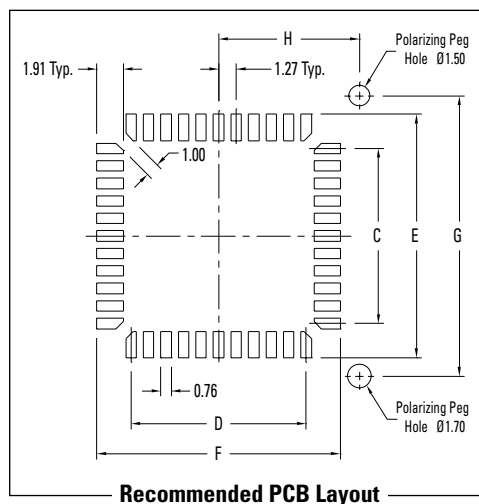
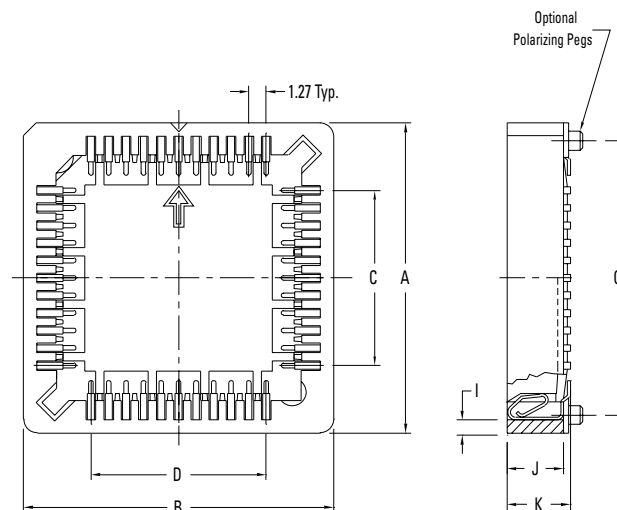
*PLCC Extraction Tool P/N TLP-PLCC

CHIP CARRIER SOCKETS

SMP Series

Ordering Information

SMP	—	68	LCC2	—	N	
Series		Number of Contacts			N: Non Polarized P: Polarized	Packaging Blank: Tubes TR: Tape and Reel



Recommended PCB Layout

Dimensions in mm

No. of Cont.	A	B	C	D	E	F	G	H	I	J	K
20	14.86	14.86	5.08	5.08	10.03	10.03	12.70	6.35	0.94	4.10	4.60
28	17.40	17.40	7.62	7.62	12.57	12.57	15.24	7.62	0.95	4.10	4.60
32	19.45	16.90	10.16	7.62	15.11	12.57	17.78	7.62	0.70	3.83	4.27
44	22.48	22.48	12.70	12.70	17.65	17.65	20.32	10.16	0.95	4.10	4.60
52	25.40	25.40	15.24	15.24	20.19	20.19	22.86	11.43	1.10	4.10	4.60
68	30.54	30.54	20.32	20.32	25.27	25.27	27.94	13.97	1.17	4.10	4.60
84	35.56	35.56	25.40	25.40	30.35	30.35	33.02	16.15	1.12	4.10	4.60

Mouser Electronics

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