

CHIP CARRIER SOCKETS PLCC SERIES

FEATURES

- Same footprint as most common plastic leaded chip carriers.
- Unique PLCC Series contact design has a "slotted tail" for added adhesion of solder paste, and superior solder joint strength.
- PLCC Series contact provides exceptionally high retention by applying spring pressure downward on the chip carrier.
- "See through" design for solder fillet inspection.

For PLCC extractor tool order **Part No. PLC-EXR**

SPECIFICATIONS

For complete specifications see www.samtec.com?PLCC

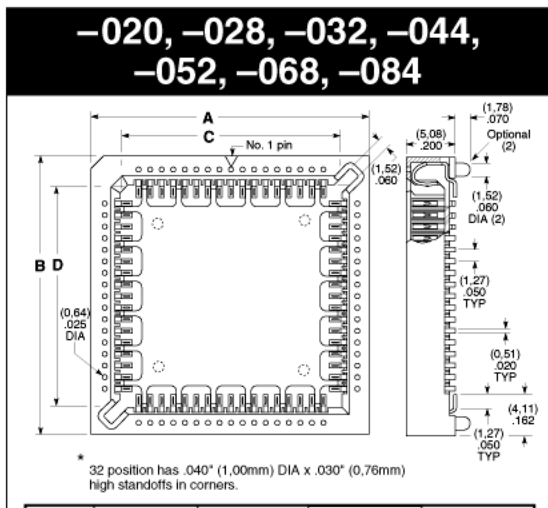
Insulator Material: Black Liquid Crystal Polymer
Contact Material: BeCu
Plating: Sn or Au over 50µ" (1,27µm) Ni
Current Rating: 1A
Operating Temp Range: -55°C to +105°C
Contact Resistance: 10mΩ max

Processing:
Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn plating
Lead-Free Solderable: Yes, with Matte Sn
Lead Coplanarity: Less than 52 leads = .006" (0,15mm) max; 52 leads and more = .008" (0,20 mm) max

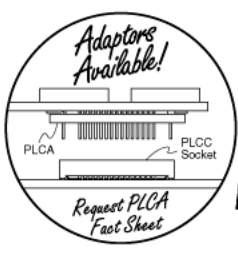
Note: Some sizes, styles and options are non-standard, non-returnable.

PLCC	NO. OF CONTACTS	PLATING OPTION	ALIGNMENT PIN OPTION	PACKAGE OPTION
-020, -028, -032, -044, -052, -068, -084		-F or -FM = Gold flash on contact, Tin (-F) or Matte Tin (-FM) on tail -T or -TM = Tin (-T) or Matte Tin (-SM)	-N = No Alignment Pins -A = Alignment Pins	-TR = Tape and Reel

Leave package option blank for packaging in a tube.



NO. OF PINS	A	B	C	D
-020	.600 (15,24)	.600 (15,24)	.370 (9,40)	.370 (9,40)
-028	.700 (17,78)	.700 (17,78)	.470 (11,94)	.470 (11,94)
-032	.800 (20,32)	.800 (20,32)	.570 (14,48)	.570 (14,48)
-044	.900 (22,86)	.900 (22,86)	.670 (17,02)	.670 (17,02)
-052	1.000 (25,40)	1.000 (25,40)	.770 (19,56)	.770 (19,56)
-068	1.200 (30,48)	1.200 (30,48)	.970 (24,64)	.970 (24,64)
-084	1.400 (35,56)	1.400 (35,56)	1.170 (29,72)	1.170 (29,72)



TAPE & REEL AVAILABILITY

No tooling charges.
 125 piece minimum order.
 Order any quantity above minimum.
 In-house design, manufacture.
 Quick turn-around.
 Call Samtec for specifications and ordering information.

SUGGESTED PCB LAYOUTS

For reference only. Please contact Samtec or go to www.samtec.com?PLCC for recommended PCB layout.

NO. OF PINS	M	N
-020	(8,26).325	(8,26).325
-028	(10,79).425	(10,80).425
-032	(13,34).525	(10,80).425
-044	(15,88).625	(15,88).625
-052	(18,42).725	(18,42).725
-068	(23,50).925	(23,50).925
-084	(28,58)1.125	(28,58)1.125

Due to technical progress, all designs, specifications and components are subject to change without notice.