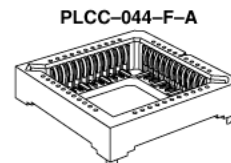


PLCC-068-T-A



PLCC-044-F-A

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

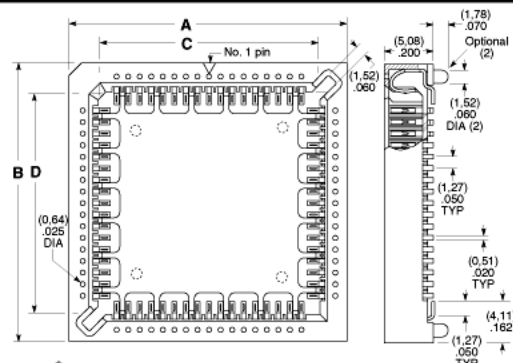
NO. OF CONTACTS

PLATING OPTION

ALIGNMENT PIN OPTION

PACKAGE OPTION

-020, -028, -032, -044, -052, -068, -084



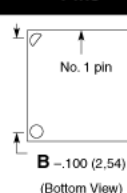
NO. OF PINS	A	B	C	D
-020	.600 (15,24)	.600 (15,24)	.370 (9,40)	.370 (9,40)
-028	.700 (17,78)	.700 (17,78)	.470 (11,94)	.470 (11,94)
-032	.800 (20,32)	.800 (20,32)	.570 (14,48)	.570 (14,48)
-044	.900 (22,86)	.900 (22,86)	.670 (17,02)	.670 (17,02)
-052	1.000 (25,40)	1.000 (25,40)	.770 (19,56)	.770 (19,56)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

-F or -FM
=Gold flash on contact,
Tin (-F) or Matte Tin (-FM) on tail

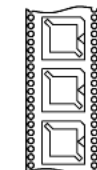
-T or -TM
Tin (-T) or Matte Tin (-SM)

-N
=No Alignment Pins

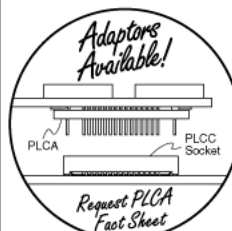
-A
=Alignment Pins



-TR
=Tape and Reel



Leave package option blank for packaging in a tube.

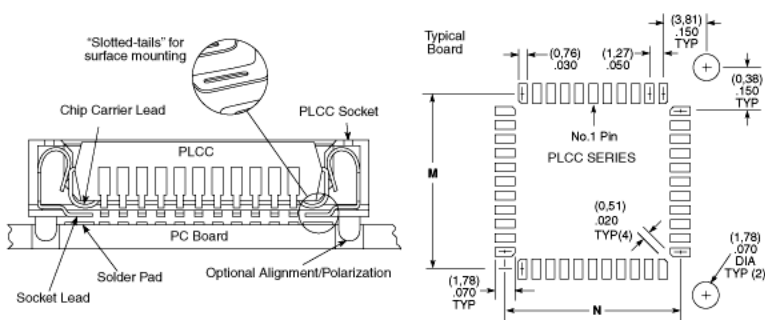


TAPE & REEL AVAILABILITY

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.

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
 SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-8420413
 SAMTEC JAPAN • Tel: 81-424-42-8318 • Fax: 81-424-42-8319
 SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
 SAMTEC KOREA • Tel: 82-31-717-5685 • Fax: 82-31-717-5681
 SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
 SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
 SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
 SAMTEC CHINA • Tel: 86-21-5385-4089 • Fax: 86-21-5385-4047
 SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 86 6714432
 SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
 SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
 SAMTEC INDIA • Tel: 91 80 306 21 612 • Fax: 91 80 5152 8187
 SAMTEC TAIWAN • Tel: 886 02 2698-3367 • Fax: 886 02 8698-2159
 SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745