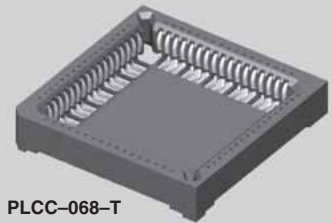


ICF-624-S-O



PLCC-068-T

(2,54 mm) .100" (ICF) (1,27 mm) .050" (PLCC)

ICF, PLCC SERIES

SMT DIP & CHIP CARRIER SOCKETS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ICF or www.samtec.com?PLCC

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
BeCu

Plating:
Sn or Au over

50µ" (1,27 µm) Ni

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
10 mΩ

Insertion Depth (ICF):
(2,54 mm) .100" to

(3,81 mm) .150"

Insertion Force/Contact (ICF):
5 oz (1,39 N) average

Withdrawal Force/Contact (ICF):
4 oz (1,11 N) average

RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:

Yes

SMT Lead Coplanarity (ICF):
.006" (0,15 mm) max

Lead Coplanarity (PLCC):
Less than 52 leads=

.006" (0,15 mm) max;

52 leads and more=

.008" (0,20 mm) max

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ICF

ROW SPACING & NO. OF CONTACTS

PLATING OPTION

TAIL OPTION

OTHER OPTION

TIGER EYE CONTACT

Specify from chart below

"-XXX"	Row Space	No. of Contacts
-308	.300 (7,62)	08
-314		14
-316		16
-318		18
-320		20
-324	.600 (15,24)	24
-328		28
-624		24
-628		28
-632		32
-640		40

-S =30µ" (0,76 µm) Gold on contact, Matte Tin on tail

-I =Tails In

-T = Matte Tin

-O =Tails Out

-TR =Tape & Reel Packaging

PLCC

NO. OF CONTACTS

PLATING OPTION

ALIGNMENT PIN OPTION

PACKAGE OPTION

-020, -032, -044, -068

*32 position has .040" (1,00 mm) DIA x .030" (0,76 mm) high standoffs in corners.

NO. OF PINS	A	B	C	D
-020	.600 (15,24)	.600 (15,24)	.370 (9,40)	.370 (9,40)
-032	.700 (17,78)	.800 (20,32)	.470 (11,94)	.570 (14,48)
-044	.900 (22,86)	.900 (22,86)	.670 (17,02)	.670 (17,02)
-068	1.200 (30,48)	1.200 (30,48)	.970 (24,64)	.970 (24,64)

-T Matte Tin

-N =No Alignment Pins

-TR =Tape & Reel Packaging

Adaptors Available!

Request PLCA Fact Sheet

Leave package option blank for packaging in a tube.

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

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

WWW.SAMTEC.COM