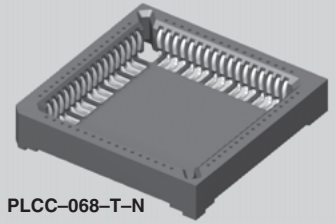


ICF-624-S-O



PLCC-068-T-N

(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](http://www.samtec.com?ICF) or [www.samtec.com?PLCC](http://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](http://www.samtec.com/quality)



FILE NO. E111594

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

**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.

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