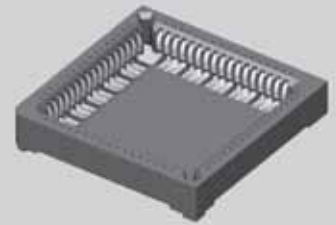


ICF-624-S-O



PLCC-068-F-A

(2,54mm) .100"

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)

**Insulator Material:** Black LCP  
**Contact Material:** BeCu  
**Plating:** Au or Sn over 50µ" (1,27µm) Ni  
**Current Rating:** 1A  
**Operating Temp Range:** -55°C to +125°C  
**Contact Resistance:** 10 mΩ Max  
**Insertion Depth:** (2,54mm) .100" to (3,81mm) .150"  
**Insertion Force/Contact:** 5oz (1,39N) average  
**Withdrawal Force/Contact:** 4oz (1,11N) average  
**RoHS Compliant:** Yes

## Processing:

**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** .006" (0,15mm) max

**ICF**

**TIGER EYE™ CONTACT**

**ROW SPACING & NO. OF CONTACTS**

Specify from chart below

**PLATING OPTION**

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

**-T**  
= Matte Tin

**TAIL OPTION**

**-I**  
=Tails In

**-O**  
=Tails Out

**OTHER OPTION**

**-TR**  
=Tape & Reel Packaging

"-XXX"	Row Space	No. of Contacts
-308	.300 (7,62)	08
-314		14
-316		16
-318		18
-320		20
-322		22
-324	.600 (15,24)	24
-328		28
-624		24
-628		28
-632		32
-640		40
-648	48	

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

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?PLCC](http://www.samtec.com?PLCC)

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

## Processing:

**Lead-Free Solderable:** Yes  
**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**

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

**PLATING OPTION**

**-F**  
=Gold flash on contact, Matte Tin on tail

**-T**  
Matte Tin

**ALIGNMENT PIN OPTION**

**-N**  
=No Alignment Pins

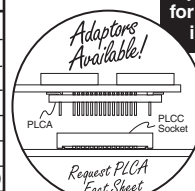
**-A**  
=Alignment Pins

**PACKAGE OPTION**

**-TR**  
=Tape and Reel

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)

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



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

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