



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

## ICF

## ROW SPACING & NO. OF CONTACTS

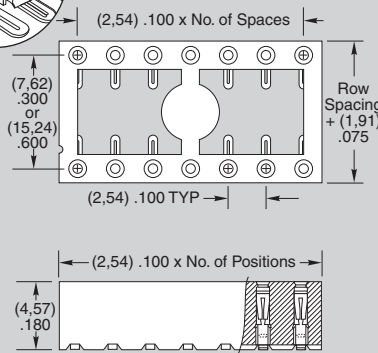
## PLATING OPTION

## TAIL OPTION

## OTHER OPTION



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

**-T**  
= Matte Tin

**-I**  
=Tails In

**-O**  
=Tails Out

**-TR**  
=Tape & Reel Packaging

## PLCC

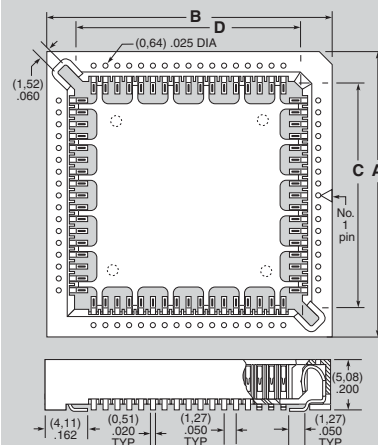
## NO. OF CONTACTS

## PLATING OPTION

## ALIGNMENT PIN OPTION

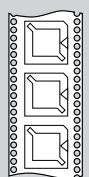
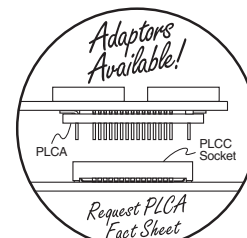
## PACKAGE OPTION

-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) |



Leave package option blank for packaging in a tube.

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