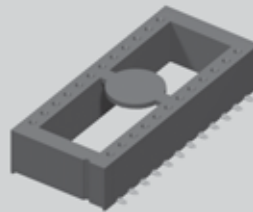




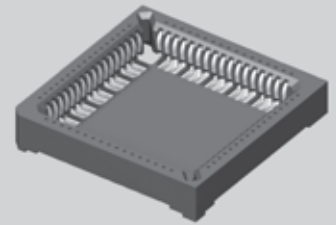
(2,54 mm) .100" (ICF)

(1,27 mm) .050" (PLCC)

ICF, PLCC SERIES



ICF-624-S-O



PLCC-068-F-A

# 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" (1,27 µm) Ni

**Current Rating:** 1A per contact

**Operating Temp Range:** -55°C to +125°C

**Contact Resistance:** 10 mΩ

**Insertion Depth:** (2,54 mm) .100" to (3,81 mm) .150"

**Insertion Force/Contact:** 5 oz (1,39 N) average  
**Withdrawal Force/Contact:** 4 oz (1,11 N) average

**RoHS Compliant:** Yes

## Processing:

**Lead-Free Solderable:** Yes

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

## ICF

## ROW SPACING & NO. OF CONTACTS

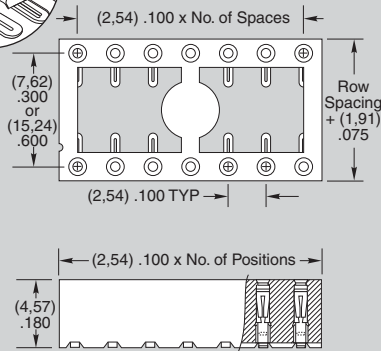
## PLATING OPTION

## 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

**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" (1,27 µm) Ni

**Current Rating:** 1A per contact

**Operating Temp Range:** -55°C to +105°C

**Contact Resistance:** 10 mΩ

**RoHS Compliant:** Yes

**Processing:**

**Lead-Free Solderable:** Yes

**Lead Coplanarity:** Less than 52 leads=.006" (0,15 mm) max; 52 leads and more=.008" (0,20 mm) max

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

## PLCC

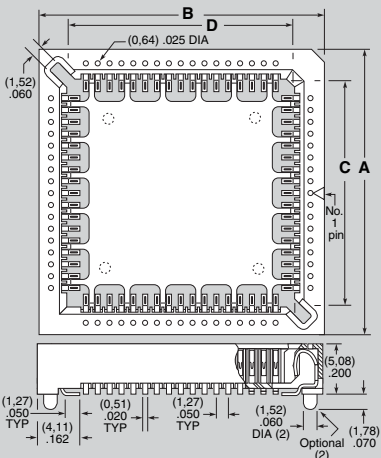
## NO. OF CONTACTS

## PLATING OPTION

## ALIGNMENT PIN OPTION

## PACKAGE OPTION

-020, -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) |

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

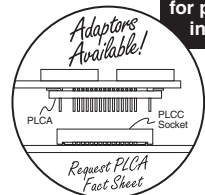
**-T**  
Matte Tin

**-N**  
=No Alignment Pins

**-A**  
=Alignment Pins

**-TR**  
=Tape & Reel Packaging

Leave package option blank for packaging in a tube.



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

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