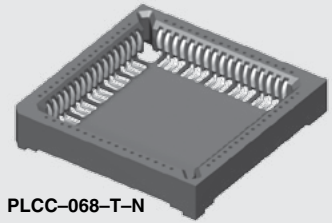


ICF-624-S-O



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 50 μ" (1.27 μm) Ni  
**Operating Temp Range:** -55 °C to +125 °C  
**Insertion Depth (ICF):** (2.54 mm) .100" to (3.81 mm) .150"

**Insertion Force/Contact (ICF):** (1.39 N) 5 oz average  
**Withdrawal Force/Contact (ICF):** (1.11 N) 4 oz average  
**RoHS Compliant:** Yes

## PROCESSING

**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity (ICF):** (0.15 mm) .006" max\*  
 \*(.004" stencil solution may be available; contact [IPG@samtec.com](mailto:IPG@samtec.com))  
**SMT Lead Coplanarity (PLCC):** (0.15 mm) .006" max\*  
 (Less than 52 leads) (0.20 mm) .008" max\*  
 (52 leads and more) \*(.004" stencil solution may be available; contact [IPG@samtec.com](mailto:IPG@samtec.com))

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

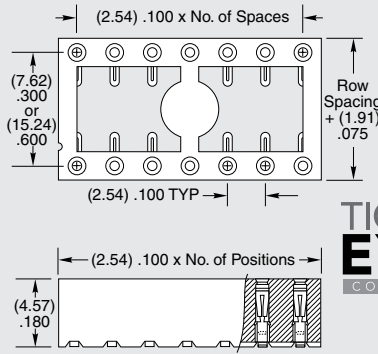
**Note:** Some sizes, styles and options are non-standard, non-returnable.

## ICF

## ROW SPACING & NO. OF CONTACTS

Specify from chart below

"-XXX"	Row Space	No. of Contacts
-308	(7.62) .300	08
-314		14
-316		16
-318		18
-320	(15.24) .600	20
-328		28
-624		24
-628		28
-632	(15.24) .600	32
-640		40



## PLATING OPTION

**-S**  
 =30 μ" (0.76 μm) Gold on contact, Matte Tin on tail

**-T**  
 = Matte Tin

## TAIL OPTION

**-I**  
 =Tails In

**-O**  
 =Tails Out

## OTHER OPTION

**-TR**  
 =Tape & Reel Packaging



## PLCC

## NO. OF CONTACTS

## PLATING OPTION

## ALIGNMENT PIN OPTION

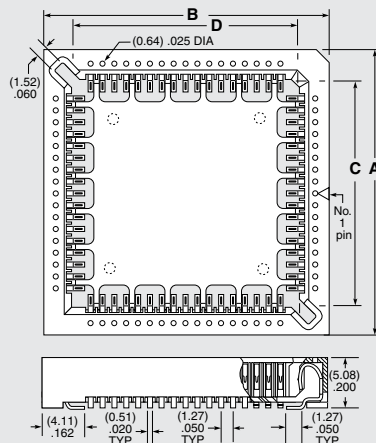
## PACKAGE OPTION

-020, -032, -044, -068

**-T**  
 Matte Tin

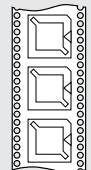
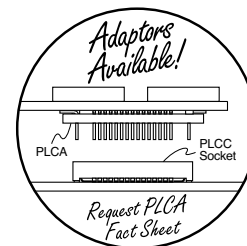
**-N**  
 =No Alignment Pins

**-TR**  
 =Tape & Reel Packaging



\*32 position has (1.00 mm) .040 DIA x (0.76 mm) .030 high standoffs in corners.

NO. OF CONTACTS	A	B	C	D
-020	(15.24) .600	(15.24) .600	(9.40) .370	(9.40) .370
-032	(17.78) .700	(17.78) .700	(11.94) .470	(11.94) .470
-044	(22.86) .900	(22.86) .900	(17.02) .670	(17.02) .670
-068	(30.48) 1.200	(30.48) 1.200	(24.64) .970	(24.64) .970



Leave package option blank for packaging in a tube.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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