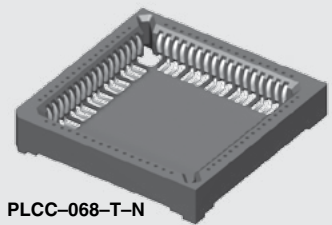


ICF-624-S-O



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 or www.samtec.com?PLCC

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Plating:

Sn or Au over

50 μ " (1.27 μ m) 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)

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)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

Note:

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

ICF

ROW SPACING & NO. OF CONTACTS

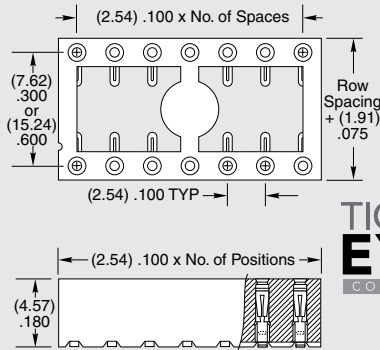
PLATING OPTION

TAIL OPTION

OTHER OPTION

Specify from chart below

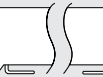
"-XXX"	Row Space	No. of Contacts
-308	(7.62) .300	08
-314		14
-316		16
-318		18
-320		20
-328	(15.24) .600	28
-624		24
-628		28
-632		32
-640		40



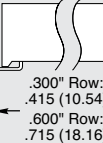
-S
=30 μ "
(0.76 μ m)
Gold on contact,
Matte Tin on tail

-T
= Matte Tin

-I
=Tails In



-O
=Tails Out



-TR
=Tape & Reel Packaging

PLCC

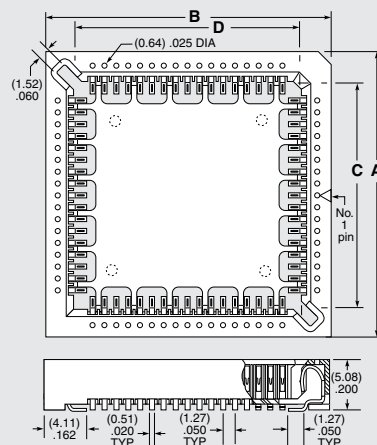
NO. OF CONTACTS

PLATING OPTION

ALIGNMENT PIN OPTION

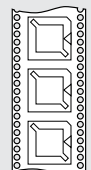
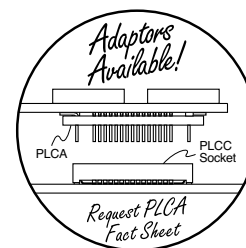
PACKAGE OPTION

-020, -032, -044, -068



*32 position has (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

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.