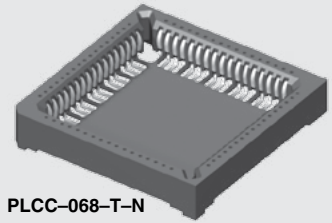


ICF-624-S-O



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 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)

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



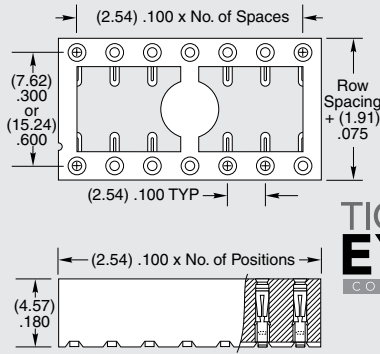
FILE NO. E111594

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

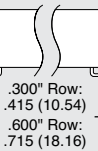
-T
= Matte Tin

TAIL OPTION

-I
=Tails In



-O
=Tails Out



OTHER OPTION

-TR
=Tape & Reel Packaging

PLCC

NO. OF CONTACTS

-020, -032, -044, -068

PLATING OPTION

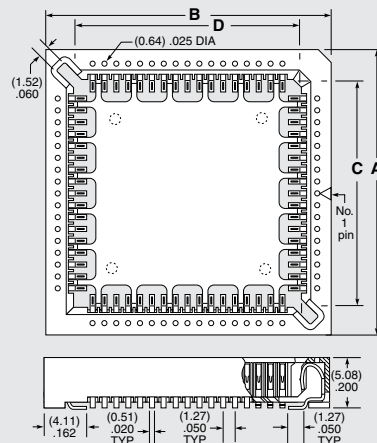
-T
Matte Tin

ALIGNMENT PIN OPTION

-N
=No Alignment Pins

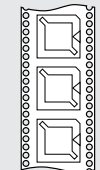
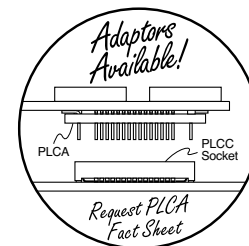
PACKAGE OPTION

-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.

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

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

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

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