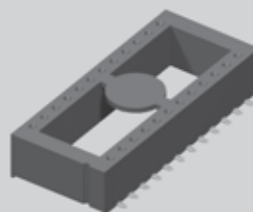




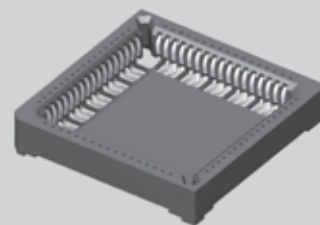
(2,54 mm) .100" (ICF)

(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

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

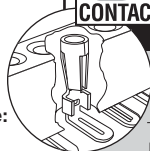
Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

.006" (0,15 mm) max



ICF

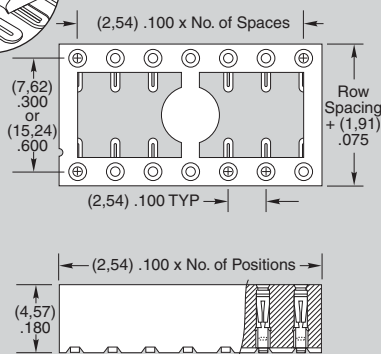
ROW SPACING & NO. OF CONTACTS

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

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

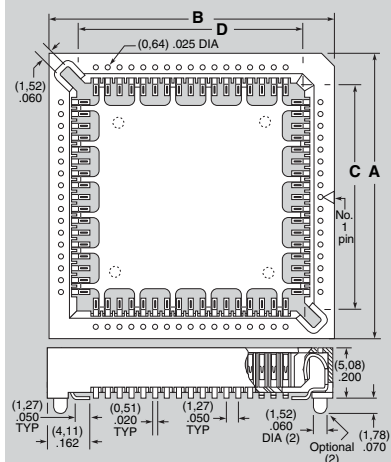
NO. OF CONTACTS

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.

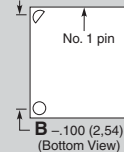
NO. OF PINS	A	B	C	D
-020	.600 (15,24)	.600 (15,24)	.370 (9,40)	.370 (9,40)
-032	.700 (17,78)	.800 (20,32)	.470 (11,94)	.570 (14,48)
-044	.900 (22,86)	.900 (22,86)	.670 (17,02)	.670 (17,02)
-068	1.200 (30,48)	1.200 (30,48)	.970 (24,64)	.970 (24,64)

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

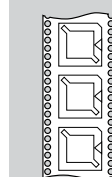
-T
Matte Tin

-N
=No Alignment Pins

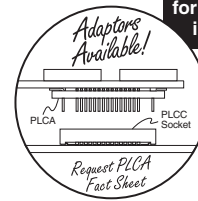
-A
=Alignment Pins



-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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