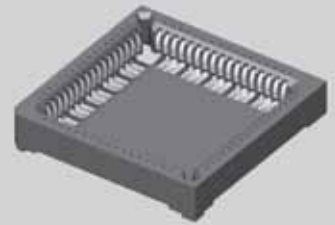


ICF-624-S-O



PLCC-068-F-A

(2,54mm) .100"

ICF, PLCC SERIES

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" (1,27µm) Ni
- Current Rating:** 1A
- Operating Temp Range:** -55°C to +125°C
- Contact Resistance:** 10 mΩ Max
- Insertion Depth:** (2,54mm) .100" to (3,81mm) .150"
- Insertion Force/Contact:** 5oz (1,39N) average
- Withdrawal Force/Contact:** 4oz (1,11N) average
- RoHS Compliant:** Yes

Processing:

- Lead-Free Solderable:** Yes
- SMT Lead Coplanarity:** .006" (0,15mm) max

ICF

TIGER EYE™ CONTACT

ROW SPACING & NO. OF CONTACTS

Specify from chart below

PLATING OPTION

-S
=30µ" (0,76µm) Gold on contact, Matte Tin on tail

-T
= Matte Tin

TAIL OPTION

-I
=Tails In

-O
=Tails Out

OTHER OPTION

-TR
=Tape & Reel Packaging

"-XXX"	Row Space	No. of Contacts
-308	.300 (7,62)	08
-314		14
-316		16
-318		18
-320		20
-322	.600 (15,24)	22
-324		24
-328		28
-624		24
-628		28
-632	.600 (15,24)	32
-640		40
-648		48

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" (1,27µm) Ni
- Current Rating:** 1A
- Operating Temp Range:** -55°C to +105°C
- Contact Resistance:** 10mΩ max
- RoHS Compliant:** Yes

Processing:

- Lead-Free Solderable:** Yes
- Lead Coplanarity:** Less than 52 leads= .006" (0,15mm) 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

-020, -028, -032, -044, -052, -068, -084

PLATING OPTION

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

-T
Matte Tin

ALIGNMENT PIN OPTION

-N
=No Alignment Pins

-A
=Alignment Pins

PACKAGE OPTION

-TR
=Tape and Reel

NO.OF PINS	A	B	C	D
-020	.600 (15,24)	.600 (15,24)	.370 (9,40)	.370 (9,40)
-028	.700 (17,78)	.700 (17,78)	.470 (11,94)	.470 (11,94)
-032	.800 (20,32)	.800 (20,32)	.570 (14,48)	.570 (14,48)
-044	.900 (22,86)	.900 (22,86)	.670 (17,02)	.670 (17,02)
-052	1.000 (25,40)	1.000 (25,40)	.770 (19,56)	.770 (19,56)
-068	1.200 (30,48)	1.200 (30,48)	.970 (24,64)	.970 (24,64)
-084	1.400 (35,56)	1.400 (35,56)	1.170 (29,72)	1.170 (29,72)

*32 position has .040" (1,00mm) DIA x .030" (0,76mm) high standoffs in corners.

Adaptors Available!

Request PLCC Fact Sheet

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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