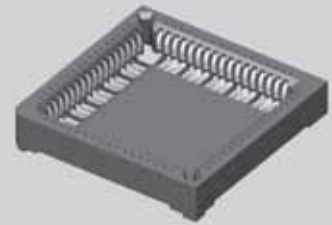


ICF-624-S-O



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
FILE NO. E111594

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

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

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

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
FILE NO. E111594

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.

Note: Leave package option blank for packaging in a tube.

Adaptors Available!

Request PLCC Fact Sheet

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

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