



SURFACE MOUNT SOCKETS ICF, PLCC SERIES

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:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

SMT Lead Coplanarity: .006" (0,15mm) 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
-322	.600 (15,24)	22
-324		24
-328		28
-624		24
-628		28
-632	.600 (15,24)	32
-640		40
-648		48

PLATING OPTION

TAIL OPTION

OTHER OPTION

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

-I =Tails In

-O =Tails Out

-T = Matte Tin

-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" (1,27µm) Ni

Current Rating: 1A

Operating Temp Range: -55°C to +105°C

Contact Resistance: 10mΩ max

RoHS Compliant: Yes

Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x

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

PLATING OPTION

ALIGNMENT PIN OPTION

PACKAGE OPTION

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

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

-N =No Alignment Pins

-A =Alignment Pins

-T Matte Tin

-TR =Tape and Reel

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

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)

Adaptors Available!

Request PLCA Fact Sheet

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

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