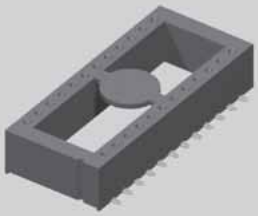
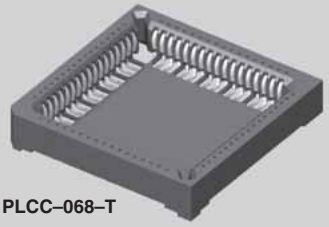
samtec



ICF–624–S–O



PLCC–068–T

(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
50µ" (1,27 µm) Ni
Operating Temp Range:
-55°C to +125°C
Contact Resistance:
10 mΩ
Insertion Depth (ICF):
(2,54 mm) .100" to
(3,81 mm) .150"
Insertion Force/Contact (ICF):
5 oz (1,39 N) average
Withdrawal Force/Contact (ICF):
4 oz (1,11 N) average
RoHS Compliant:
Yes

Processing:

Lead-Free Solderable:
Yes
SMT Lead Coplanarity (ICF):
.006" (0,15 mm) max
Lead Coplanarity (PLCC):
Less than 52 leads=
.006" (0,15 mm) max;
52 leads and more=
.008" (0,20 mm) max

RECOGNITIONS

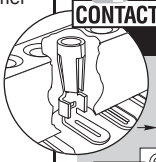
For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

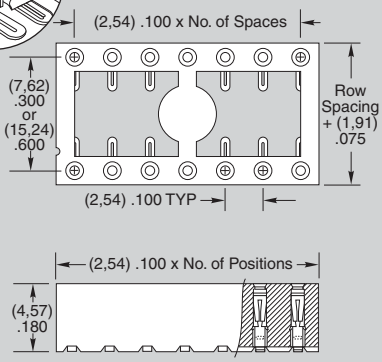
Note:
Some sizes, styles and options are non-standard, non-returnable.

ICF – ROW SPACING & NO. OF CONTACTS – PLATING OPTION – TAIL OPTION – OTHER OPTION

TIGER EYE™ CONTACT



Specify from chart below



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

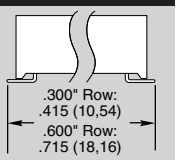
–S
=30µ" (0,76 µm) Gold on contact, Matte Tin on tail

–T
= Matte Tin

–I
=Tails In



–O
=Tails Out



–TR
=Tape & Reel Packaging

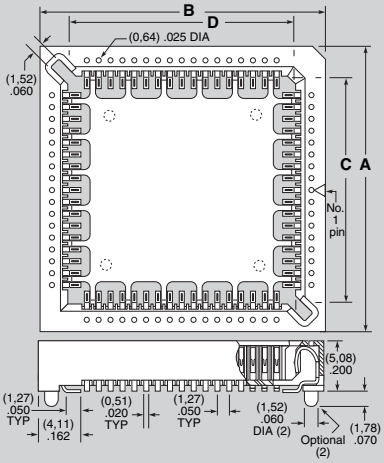
PLCC – NO. OF CONTACTS – PLATING OPTION – ALIGNMENT PIN OPTION – PACKAGE OPTION

–020, –032, –044, –068

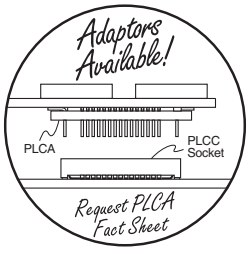
–T
Matte Tin

–N
=No Alignment Pins

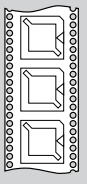
–TR
=Tape & Reel Packaging



*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)



Leave package option blank for packaging in a tube.

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