



(2,54mm) .100"

ICO SERIES

ICO-320-CTT

ICO-624-MGT

LOW PROFILE OPEN BODY DIP SOCKETS

Mates with:
APA

ICO

ROW SPACING &
NO. OF CONTACTSSTYLE
OPTIONPLATING
OPTIONOPTION
(Leave Blank for
Standard Version)

Specify from chart below

- Low profile down to (2,11mm) .083" above printed circuit board
- Side & end stackable
- Open body design
- Surface mountable lead sockets



	Row Space	Contacts
-308	.300 (7,62)	08
-314		14
-316		16
-318		18
-320		20
-322	.400 (10,16)	22
-324		24
-422	.600 (15,24)	24
-624		28
-628		32
-632		36
-640		40

GG

= 30μ" (0,76μm) Gold Contact,
10μ" (0,25μm) Gold Shell

GT

= 30μ" (0,76μm) Gold Contact,
Tin Shell

TT

= Tin Contact and Shell
(-C, -S, -ZS, -A,
-L, -M, -N, only)

ST

= 10μ" (0,25μm) Gold Contact,
Tin Shell
(Styles -S & -ZS only)

-L

= Locking Socket

Requires Style -S,
-ZS or -P and (0,89mm)
.035" ± (0,08mm) .003"
board hole.Requires GT Plating
Option

SPECIFICATIONS

For complete specifications
see www.samtec.com?ICO

Insulator Material:

Black Glass Filled
Polyester

Contact:

BeCu

Shell: Brass except style K
Phosphor Bronze

Plating: Au or Sn over 50μ"
(1,27μm) Ni

Flammability Rating:
UL 94V-O

Insulation Resistance:
5000 MΩ min

Temperature Range:

-55°C to +125°C with Gold
-55°C to +105°C with Tin

Withstanding Voltage:
1000 VRMS @ 60 Hz

Current Rating: 1A

Contact Resistance:
10mΩ max

Lead Size Range:

(0,38mm) .015" to
(0,56mm) .022" DIA and most
IC leads except C, L, M, and N

Insertion Force:

(Single Contact only) Standard
= 9 oz avg, 16 oz max; Low
Insertion Force = 2.5 oz avg,
5.5 oz max

Withdrawal Force:
(Single Contact only)

Standard = 2.5 oz avg, 1.5 oz
min; Low Insertion Force =
2.0 oz avg, 0.35 oz min except

Lead-Free Solderable:

Wave only

RoHS Compliant:

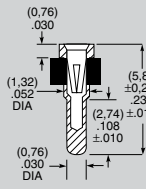
Yes



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

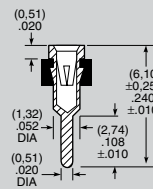
-L

= Low Profile



Lead DIA Accepted
= (0,38mm) .015" to
(0,51mm) .020"

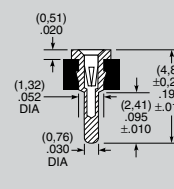
-M

= Low Profile
For LIF Specify -ZM

Lead DIA Accepted
= (0,41mm) .016" to
(0,53mm) .021"

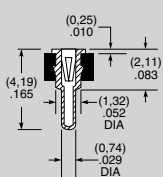
-N

= Micro Socket



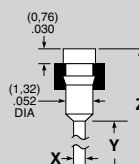
Lead DIA Accepted
= (0,41mm) .016" to
(0,51mm) .020"

-C

= Micro Socket
For LIF Specify -ZC

Lead DIA Accepted
= (0,41mm) .016" to
(0,51mm) .020"

-S, -ZS, -ZA

= Printed Circuit
-ZS & -ZA= Low Insertion Force

LEAD STYLE	X DIA	Y TAIL	Z
-S or -ZS	(0,51) .020	(3,18) .125	(7,62) .300
-ZA	(0,51) .020	(4,57) .180	(8,89) .350

Locking lead (-L) available.
See OPTION.

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766
SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683