

samtec

(2,54mm) .100"

ICO SERIES

ICO-320-CTT

ICO-624-MGT

LOW PROFILE OPEN BODY SOCKETS

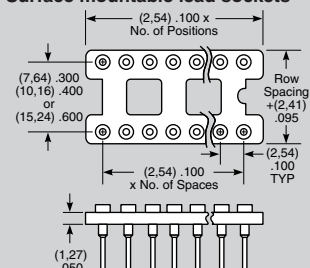
Mates with:
APA

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)

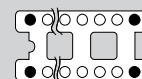
ST

= 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

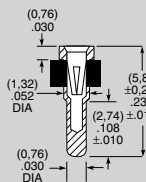
Lead-Free Solderable:
Wave only

RoHS Compliant:
Yes

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

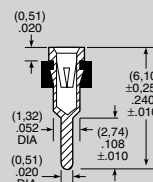
-L

= Low Profile



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

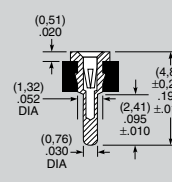
-M

= Low Profile
For LIF Specify -ZM

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

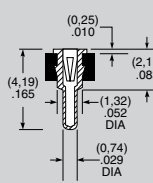
-N

= Micro Socket



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

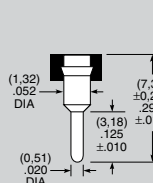
-C

= Micro Socket
For LIF Specify -ZC

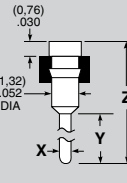
Lead DIA Accepted
= (0,41mm) .016" to
(0,51mm) .020"

-F

= Flush Top



-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.

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