



ICO-320-CTT



ICO-624-MGT

(2,54mm) .100"

ICO SERIES

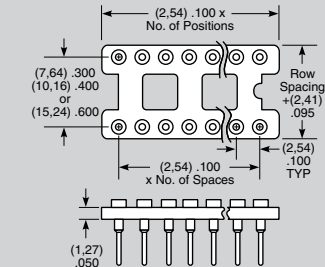
LOW PROFILE OPEN BODY SOCKETS

Mates with:
APA

ICO	ROW SPACING & NO. OF CONTACTS	STYLE OPTION	PLATING OPTION	OPTION (Leave Blank for Standard Version)
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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

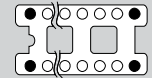
GT
= 30µ" (0,76µm) Gold Contact,
Tin Shell

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
 FILE NO. E111594

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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