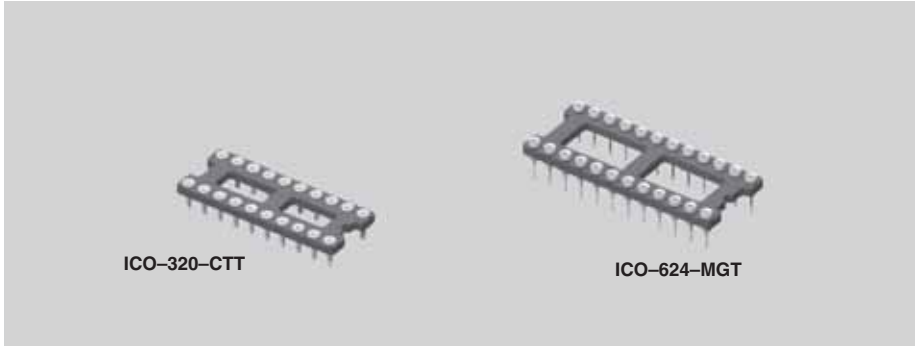




(2,54mm) .100"

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

Style	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
-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?IC0

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

-L = Low Profile

-M = Low Profile For LIF Specify -ZM

-N = Micro Socket

-C = Micro Socket For LIF Specify -ZC

-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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