



LOW PROFILE DIP SOCKETS ICO SERIES

Mates with:
APO, 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
-632		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

ALSO AVAILABLE

RoHS compliant options. Call Samtec. DIP Adaptors. Request APO Fact Sheet.

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 Styles ZM and ZN = 2.0 avg, 0.5 oz min

Lead-Free Solderable: Wave only

RoHS Compliant: No

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

-L
= Low Profile For LIF Specify -ZL

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 For LIF Specify -ZN

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, -J, or -K
= 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
-J	(0,64) .025	(10,41) .410	(15,24) .600
-K	(0,89) .035	(12,95) .510	(17,86) .703

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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