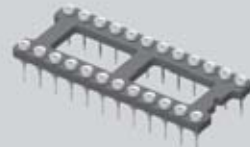


ICO-320-CTT



ICO-624-MGT

(2,54mm) .100"

ICO SERIES

LOW PROFILE OPEN BODY DIP SOCKETS

Mates with:
APA

ICO	ROW SPACING & NO. OF CONTACTS	STYLE OPTION	PLATING OPTION	OPTION (Leave Blank for Standard Version)																															
Specify from chart below																																			
<ul style="list-style-type: none"> Low profile down to (2,11mm) .083" above printed circuit board Side & end stackable Open body design Surface mountable lead sockets 																																			
		<table border="1"> <thead> <tr> <th></th> <th>Row Space</th> <th>Contacts</th> </tr> </thead> <tbody> <tr><td>-308</td><td rowspan="5">.300 (7,62)</td><td>08</td></tr> <tr><td>-314</td><td>14</td></tr> <tr><td>-316</td><td>16</td></tr> <tr><td>-318</td><td>18</td></tr> <tr><td>-320</td><td>20</td></tr> <tr><td>-322</td><td rowspan="2">.400 (10,16)</td><td>22</td></tr> <tr><td>-324</td><td>24</td></tr> <tr><td>-422</td><td rowspan="3">.600 (15,24)</td><td>24</td></tr> <tr><td>-624</td><td>28</td></tr> <tr><td>-628</td><td>32</td></tr> <tr><td>-632</td><td rowspan="2"></td><td>32</td></tr> <tr><td>-640</td><td>40</td></tr> </tbody> </table>		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		32	-640	40	<p>GG = 30μ" (0,76μm) Gold Contact, 10μ" (0,25μm) Gold Shell</p> <p>GT = 30μ" (0,76μm) Gold Contact, Tin Shell</p> <p>TT = Tin Contact and Shell (-C, -S, -ZS, -A, -L, -M, -N, only)</p> <p>ST = 10μ" (0,25μm) Gold Contact, Tin Shell (Styles -S & -ZS only)</p>	<p>-L = Locking Socket</p> <p>Requires Style -S, -ZS or -P and (0,89mm) .035" ± (0,08mm) .003" board hole.</p> <p>Requires GT Plating Option</p>
	Row Space	Contacts																																	
-308	.300 (7,62)	08																																	
-314		14																																	
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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.

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