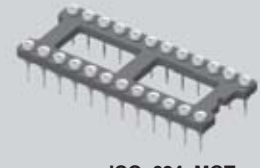


ICO-320-CTT



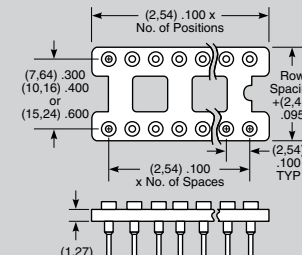
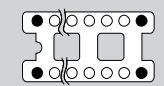
ICO-624-MGT

(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)																										
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>Row Space</th> <th>Contacts</th> </tr> </thead> <tbody> <tr><td>-308</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>22</td></tr> <tr><td>-324</td><td>24</td></tr> <tr><td>-422</td><td>22</td></tr> <tr><td>-624</td><td>24</td></tr> <tr><td>-628</td><td>28</td></tr> <tr><td>-632</td><td>32</td></tr> <tr><td>-640</td><td>40</td></tr> </tbody> </table>	Row Space	Contacts	-308	08	-314	14	-316	16	-318	18	-320	20	-322	22	-324	24	-422	22	-624	24	-628	28	-632	32	-640	40			
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			<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>																										

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

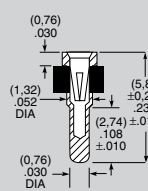
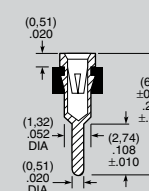
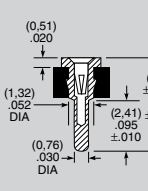
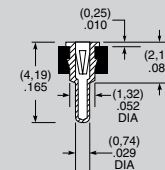
Lead Size Range: (0,38mm) .015" to (0,56mm) .022" DIA and most IC leads except C, L, M, and N
Insertion Force: (Single Contact only) Standard = 9 oz avg, 16 oz max; Low Insertion Force = 2.5 oz avg, 5.5 oz max

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	-M = Low Profile For LIF Specify -ZM	-N = Micro Socket												
 <p>Lead DIA Accepted = (0,38mm) .015" to (0,51mm) .020"</p>	 <p>Lead DIA Accepted = (0,41mm) .016" to (0,53mm) .021"</p>	 <p>Lead DIA Accepted = (0,41mm) .016" to (0,51mm) .020"</p>												
-C = Micro Socket For LIF Specify -ZC	-S, -ZS, -ZA = Printed Circuit -ZS & -ZA= Low Insertion Force													
 <p>Lead DIA Accepted = (0,41mm) .016" to (0,51mm) .020"</p>	<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>X DIA</th> <th>Y TAIL</th> <th>Z</th> </tr> </thead> <tbody> <tr> <td>-S or -ZS</td> <td>(0,51) .020</td> <td>(3,18) .125</td> <td>(7,62) .300</td> </tr> <tr> <td>-ZA</td> <td>(0,51) .020</td> <td>(4,57) .180</td> <td>(8,89) .350</td> </tr> </tbody> </table> <p>Locking lead (-L) available. See OPTION.</p>	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	
LEAD STYLE	X DIA	Y TAIL	Z											
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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