



IC0-320-CTT



IC0-624-MGT

(2,54mm) .100"

IC0 SERIES

LOW PROFILE OPEN BODY DIP SOCKETS

Mates with:
APA

IC0	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="6">.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>22</td></tr> <tr><td>-324</td><td></td><td>24</td></tr> <tr><td>-422</td><td>.400 (10,16)</td><td>22</td></tr> <tr><td>-624</td><td rowspan="5">.600 (15,24)</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	.300 (7,62)	08	-314	14	-316	16	-318	18	-320	20	-322	22	-324		24	-422	.400 (10,16)	22	-624	.600 (15,24)	24	-628	28	-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>
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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

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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