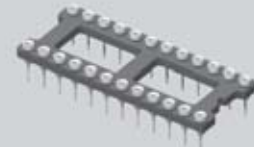


IC0-320-CTT



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)																															
<b>Specify from chart below</b>																																			
<ul style="list-style-type: none"> <li>Low profile down to (2,11mm) .083" above printed circuit board</li> <li>Side &amp; end stackable</li> <li>Open body design</li> <li>Surface mountable lead sockets</li> </ul>																																			
		<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><b>GG</b> = 30μ" (0,76μm) Gold Contact, 10μ" (0,25μm) Gold Shell</p> <p><b>GT</b> = 30μ" (0,76μm) Gold Contact, Tin Shell</p> <p><b>TT</b> = Tin Contact and Shell (-C, -S, -ZS, -A, -L, -M, -N, only)</p> <p><b>ST</b> = 10μ" (0,25μm) Gold Contact, Tin Shell (Styles -S &amp; -ZS only)</p>	<p><b>-L</b> = 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																																	
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## SPECIFICATIONS

For complete specifications see [www.samtec.com?IC0](http://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											
-S or -ZS	(0,51) .020	(3,18) .125	(7,62) .300											
-ZA	(0,51) .020	(4,57) .180	(8,89) .350											

Due to technical progress, all designs, specifications and components are subject to change without notice.

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