



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



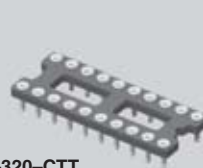
## Contact us

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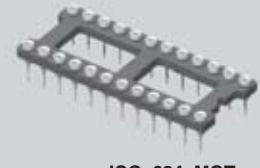
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IC0-320-CTT



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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)