



APA-324-G-A

APA-318-G-J

APA-640-T-P

**MOLD-TO-POSITION PRODUCT**  
 Minimums or set-up charges may apply. Call Samtec.

# ADAPTOR PLUGS APA SERIES

Mates with:  
 ICO, ICA, CIC

## FEATURES

- Side & end stackable
- Great for auto insertion
- Open body design

## SPECIFICATIONS

For complete specifications see [www.samtec.com?APA](http://www.samtec.com?APA)

**Insulator Material:**  
 Black Glass Filled Polyester except -328 is LCP

**Flammability Rating:**  
 UL 94V-O

**Insulation Resistance:**  
 5000 MΩ min

**Operating Temp Range:**  
 -55°C to +105°C with Tin;  
 -55°C to +125°C with Gold.

**Withstanding Voltage:**  
 1000 VRMS

**Terminal Material:**  
 Brass except styles -M, -N and -P are Phosphor Bronze or Brass

**Plating:**  
 Au over 50μ" (1,27mm) Ni or Sn over 100μ" (2,54mm) Cu or 50μ" (1,27mm) Ni

**Current Rating:**  
 1 A

**Terminal Retention in Body:**  
 5 lbs (22,25N) against barb



APA	ROW SPACING & NO. OF PINS	PLATING OPTION	LEAD STYLE																														
Specify from chart below																																	
	<table border="1"> <thead> <tr> <th>Row Space</th> <th>No. of Pins</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>-328</td> <td>28</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> <tr> <td>-648</td> <td>48</td> </tr> </tbody> </table>	Row Space	No. of Pins	-308	08	-314	14	-316	16	-318	18	-320	20	-322*	22	-324	24	-328	28	-422	22	-624	24	-628	28	-632	32	-640	40	-648	48	<p><b>-G</b>                  = 20μ" (0,58μm) Gold</p> <p><b>-T</b>                  = Tin</p>	
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* -322 has no cross bar on one end.																																	

### -A or -A1 = Round Pin

STYLE	X DIA
-A	(0,64)
-A1	(0,46)

Style A Component No. = T-1R0-  
 Style A1 Component No. = T-1R5-

### -C = Slotted Head

Component No. = T-1R2-

### -D = Wire-Wrap

Component No. = T-1S4-1-1

### -J = Solder Shell

Component No. = S-1P1-

### -M, -N or -P = Interconnect Post

STYLE	Y
-M	(1,52) .060
-N	(4,69) .185
-P	(11,05) .435

Not available with -328 body.

Component No. = T-1R14-

**Note:**  
 Some sizes, styles and options are non-standard, non-returnable.

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

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