



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

(2,54mm) .100"

APA SERIES

APA-324-G-A

APA-318-G-J

APA-640-T-P

# AUTOMATED INSERTION ADAPTOR PLUGS

Mates with:  
 ICO, ICA

## 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-0

**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 rowspan="6">.300 (7,62)</td> <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 rowspan="2">.400 (10,16)</td> <td>-324</td> <td>24</td> </tr> <tr> <td>-328</td> <td>28</td> </tr> <tr> <td rowspan="4">.600 (15,24)</td> <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>-648</td> <td>48</td> </tr> </tbody> </table>	Row Space	No. of Pins	.300 (7,62)	-308	08	-314	14	-316	16	-318	18	-320	20	-322*	22	.400 (10,16)	-324	24	-328	28	.600 (15,24)	-422	22	-624	24	-628	28	-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) .025
-A1	(0,46) .018

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

### -C = Slotted Head

Component No. = T-1R2-

### -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.

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