



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.

(2,54mm) .100"

APA SERIES

# 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-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**

	Row Space	No. of Pins	
-308	.300 (7,62)	08	
-314		14	
-316		16	
-318		18	
-320		20	
-322*		22	
-324		24	
-328		28	
-422		.400 (10,16)	22
-624		.600 (15,24)	24
-628	28		
-632	32		
-640	40		
-648	48		

\* -322 has no cross bar on one end.

-G

= 20μ" (0,58μm) Gold

-T

= Tin

-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-

-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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