



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

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 | .400 (10,16) | 24 |
| -328 | | 28 |
| -422 | .600 (15,24) | 22 |
| -624 | | 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) |
| -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