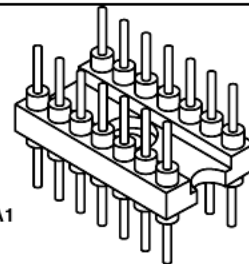


samtec

**MOLD-TO-POSITION
PRODUCT**

 Minimums or set-up charges
may apply. Call Samtec.

AP-314-G-A1



SCREW MOUNT ADAPTOR PLUGS

Mates with:
IC, ICS, ICO,
ICA, ICE, ICH

Machined pin DIP adaptor plugs

DIP adaptor plugs are
available in a wide
variety of lead counts
from 8 through 64 pins.

Samtec offers a choice
of many terminal styles
including solder, wire-
wrap, solder pot, and
others. Terminals can be
gold or tin plated.
AP & APS series adaptor
plugs feature a UL rated
G.F. polyester body with
mounting holes.

Low cost stamped pin
adaptor plugs and
mating covers are also
available from Samtec.

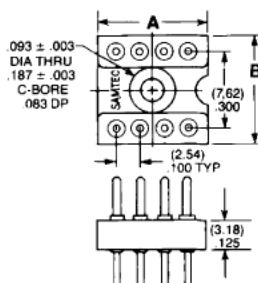
**TYPE
PLUG**
**ROW SPACING &
NUMBER OF CONTACTS**
AP
= Dip Adaptor
Plug

APS
= Dip Adaptor
Plug

-306 = .300 Row 06 Contacts
-308 = .300 Row 08 Contacts
-310 = .300 Row 10 Contacts

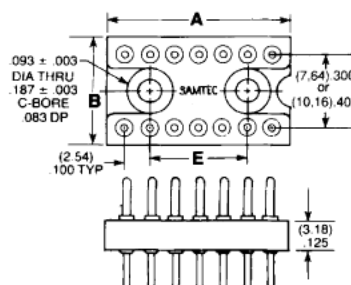
Part No.	A Length	B Width
AP or APS-306	(8.89) .350	(10.16) .400
AP or APS-308	(11.43) .450	(10.16) .400
*AP or *APS-310	(13.97) .550	(10.16) .400

* Mounting hole off center on 10 position.



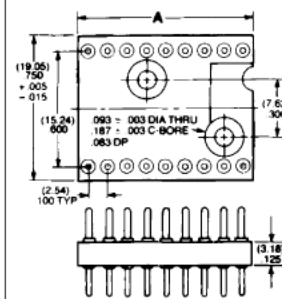
-314 = .300 Row 14 Contacts
-316 = .300 Row 16 Contacts
-318 = .300 Row 18 Contacts
-320 = .300 Row 20 Contacts
-324 = .300 Row 24 Contacts
-422 = .400 Row 22 Contacts
-424 = .400 Row 24 Contacts

Part No.	A LENGTH	B WIDTH	E MNT HOLES
AP or APS-314	(17.78) .700	(10.16) .400	(10.16) .400
AP or APS-316	(20.32) .800	(10.16) .400	(12.70) .500
AP or APS-318	(22.86) .900	(10.16) .400	(15.24) .600
AP or APS-320	(25.40) 1.000	(10.16) .400	(17.78) .700
AP or APS-324	(30.48) 1.200	(10.16) .400	(22.86) .900
AP or APS-422	(27.94) 1.100	(10.16) .400	(20.32) .800
AP-424	(30.48) 1.200	(12.70) .500	(22.86) .900



-610 = .600 Row 10 Contacts
-614 = .600 Row 14 Contacts
-616 = .600 Row 16 Contacts
-618 = .600 Row 18 Contacts

Part No.	A Length
AP-610	(12.70) .500
AP-614	(17.78) .700
AP-616	(20.32) .800
AP-618	(22.86) .900



Specifications: AP & APS

Insulator Material:
Black Glass Filled Polyester
Flammability Rating:
UL 94V-O

Insulation Resistance:
5000 megohm @ 500 VDC
Temperature Range:
-55°C to +125°C

Withstanding Voltage:
1000 VRMS @ 60 Hz

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

Plating:
Au over 50µ" Ni or Sn over
100µ" Cu or 50µ" Ni

Current Rating:
1 amp continuous
@ 100 VDC per contact
**Terminal Retention in
Body:**
5 lbs. against barb

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.

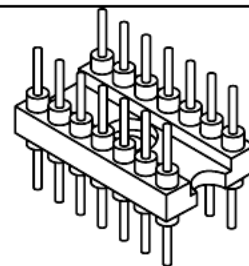
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PRODUCT**

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AP-314-T-A

AP & APS SERIES

PLATING OPTION

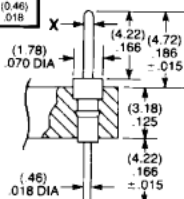
-G
= 20μ" Gold

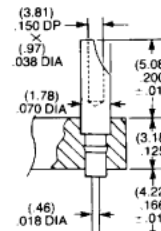
-T
Tin

STYLE OPTION

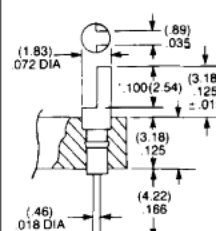
-A or -A1
= Round Pin

STYLE	X DIA
-A	(0.64) .025
-A1	(0.46) .018

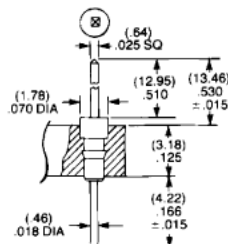

 Style A Component No. = T-1R0-
Style A1 Component No. = T-1R5-

-B
= Solder Pot


Component No. = T-1R1-

-C
= Slotted Head


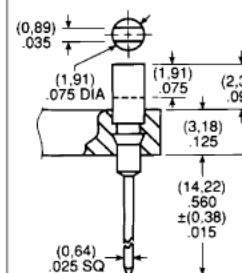
Component No. = T-1R2-

-D
= Wire-Wrap


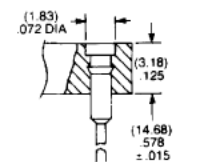
Component No. = T-1S4-1-1

-E
= Slot-head W.W.

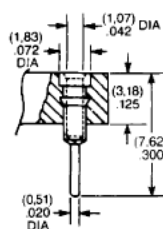
(-648 N/A)



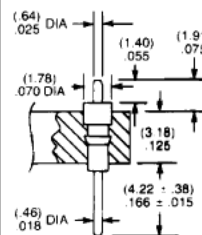
Component No. = T-1S5-

-F
= Flat-head W.W.


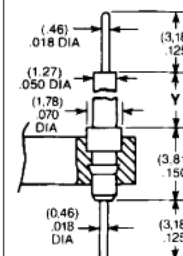
Component No. = T-1S2-

-J
= Solder Shell


Component No. = S-1P1-

-K
= Test Point


Component No. = T-1R15-

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


Component No. = T-1R14-

STYLE	Y
-M	(1.52) .060
-N	(4.67) .185
-P	(11.05) .435
-Q	(17.40) .685

-624 = .600 Row 24 Contacts

-628 = .600 Row 28 Contacts

-632 = .600 Row 32 Contacts

-640 = .600 Row 40 Contacts

-940 = .900 Row 40 Contacts

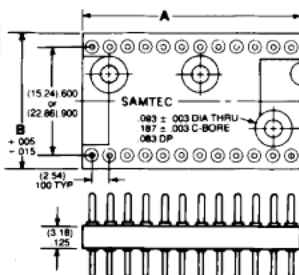
-950 = .900 Row 50 Contacts

-964 = .900 Row 64 Contacts

PART NO.	A LENGTH	B WIDTH
AP or APS-624	(30.48) 1.200	(17.78) .700
AP or APS-628	(35.56) 1.400	(17.78) .700
AP or APS-632	(40.64) 1.600	(17.78) .700
AP or APS-640	(50.80) 2.000	(17.78) .700
*AP-940		
*†AP-950	(63.50) 2.500	(26.27) 1.050
AP-964	(81.28) 3.200	

 *AP-940 and AP-950
are non-standard
non-returnable.

† Mounting hole off center on 50 positions



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