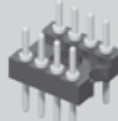
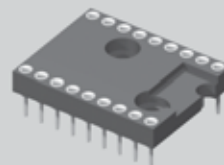


samtec

**MOLD-TO-POSITION
PRODUCT**

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


AP-308-G-A1



AP-318-G-J

SCREW MOUNT ADAPTOR PLUGS

Mates with:
IC, ICS, ICO,
ICA, 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 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.

Specifications: AP



Insulator Material: FILE NO. E111594
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.

**TYPE
PLUG**
AP
= Dip Adaptor
Plug

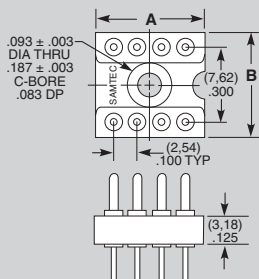
**ROW SPACING &
NUMBER OF CONTACTS**
-306 = .300 Row 06 Contacts

-308 = .300 Row 08 Contacts

-310 = .300 Row 10 Contacts

Part No.	A LENGTH	B WIDTH
AP-306	(8,89) .350	(10,16) .400
AP-308	(11,43) .450	(10,16) .400
*AP-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

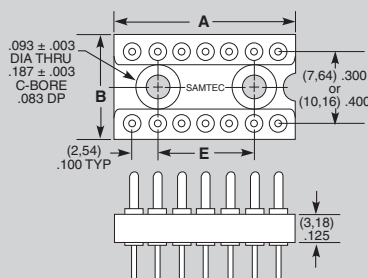
-320 = .300 Row 20 Contacts

-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-314	(17,78) .700	(10,16) .400	(10,16) .400
AP-316	(20,32) .800	(10,16) .400	(12,70) .500
AP-318	(22,86) .900	(10,16) .400	(15,24) .600
AP-320	(25,40) 1.000	(10,16) .400	(17,78) .700
AP-324	(30,48) 1.200	(10,16) .400	(22,86) .900
AP-422	(27,94) 1.100	(10,16) .400	(20,32) .800
AP-424	(30,48) 1.200	(12,70) .500	(22,86) .900

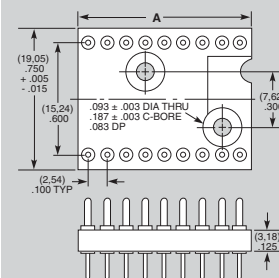

-610 = .600 Row 10 Contacts

-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



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

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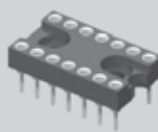
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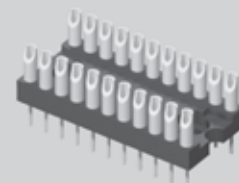
MOLD-TO-POSITION PRODUCT

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may apply. Call Samtec.

AP-614-T-J



AP-422-T-B



AP SERIES

PLATING OPTION

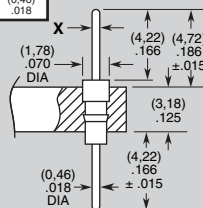
-G
= 20µ" Gold

-T
= Tin

STYLE OPTION

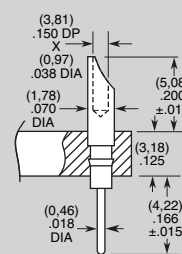
-A or -A1
= Round Pin

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



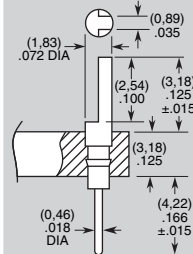
Style A Component No. = T-1R0-
Style A1 Component No. = T-1R5-

-B
= Solder Pot



Component No. = T-1R1-

-C
= Slotted Head



Component No. = T-1R2-

-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

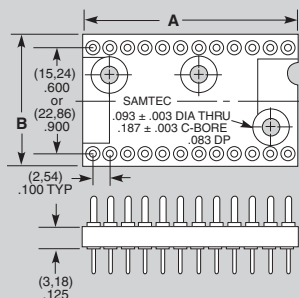
-950 = .900 Row 50 Contacts

-964 = .900 Row 64 Contacts

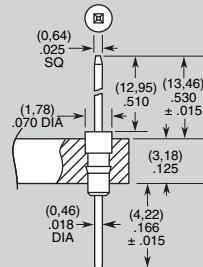
Part No.	A LENGTH	B WIDTH
AP-624	(30.48) 1.200	(17.78) .700
AP-628	(35.56) 1.400	(17.78) .700
AP-632	(40.64) 1.600	(17.78) .700
*AP-640	(50.80) 2.000	(17.78) .700
*AP-940	(63.50) 2.500	(26.27) 1.050
*†AP-950	(63.50) 2.500	(26.27) 1.050
AP-964	(81.28) 3.200	(26.27) 1.050

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

† Mounting hole off center on 50 positions



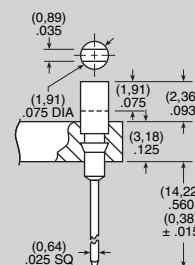
-D
= Wire-Wrap



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

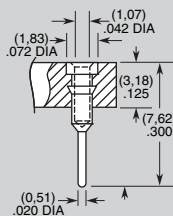
-E
= Slot-head W.W.

(-648 N/A)



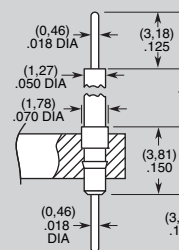
Component No. = T-1S5-

-J
= Solder Shell



Component No. = S-1P1-

-M, -N or -P
= Interconnect Post



Component No. = T-1R14-

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

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