

samtec

**MOLD-TO-POSITION
PRODUCT**

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

MHAT-044-A-G-08

MVAT-072-A-T-A-11

MPAT-072-A1-G-11

PIN GRID ARRAY ADAPTORS MPAT, MVAT, MHAT, MSAT

Mates with:
MPAS, MVAS, MLAS,
MHAS, MSAS

Features:

- A choice of many different terminal styles and insulators makes it easy to find the adaptor for your application.
- Unique MHAT insulator that allows any array from 1 by 1 to 20 by 20.
- Irregular shapes are also available upon request.

Specifications:

MPAT, MVAT

Insulator Material: Black Glass Filled Polyester

Flammability Rating: UL 94V-0

Insulation Resistance: 5000 megohm @ 500 VDC

Operating Temp Range: -55°C to +105°C with Tin;
-55°C to +125°C with Gold.

Withstanding Voltage: 1000 VRMS @ 60 Hz

Terminal Material: Brass or Phosphor Bronze

Plating: Au or Sn over 50µ" Ni

Current Rating: 1 amp continuous

@ 100 VDC per contact

Terminal Retention in Body: 5 lbs against barb

Specifications:

MSAT HI-TEMP

Same as MPAT except:

Insulator Material: Black Liquid Crystal Polymer

Max Processing Temp: 230°C for 30 to 60 seconds

Specifications:

MHAT

Same as MPAT except:

Insulator Material: Black High Temperature Thermoplastic

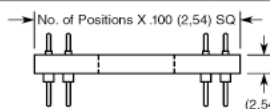
Operating Temp Range: -55°C to +170°C

Note:

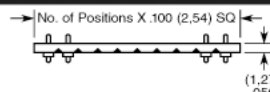
These Series are non-standard, non-returnable.

BODY STYLE

MPAT = Standard Polyester
MVAT = Open Body Polyester
MSAT = Hi-Temp Open Body



MHAT = Low Profile



PIN COUNT

-XXX
= Total Number Of Filled Positions

LEAD STYLE

PLATING OPTION

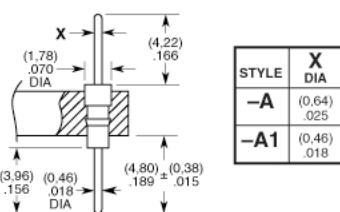
-G
= 20µ" (0.51µm) Gold

-T
= Tin

GRID SIZE & PIN OUT CODE

MPAT, MVAT & MSAT ONLY

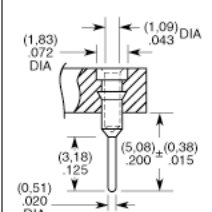
-A or -A1 = Round Pin



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

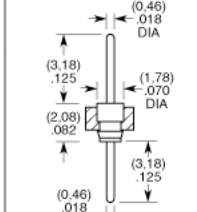
STYLE	X DIA
-A	(0.64) .025
-A1	(0.46) .018

-J = Solder Shell



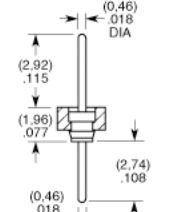
-J Component No. = S-1P1

-R = Standard Pin



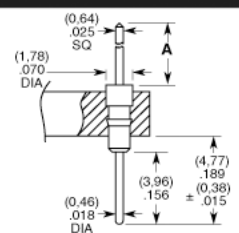
-R Component No. = T-2R6

-H = Short Pin



-H Component No. = T-1R6

-D or -D1 = Wirewrap



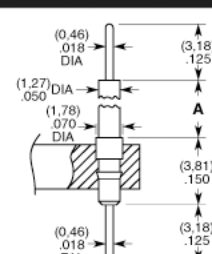
STYLE	A
-D	(12.95) .510
-D1	(7.87) .310

-D Component No. = T-1S4-1-1
-D1 Component No. = T-1S4-1-2

-M, -N & -P = Extended Pin

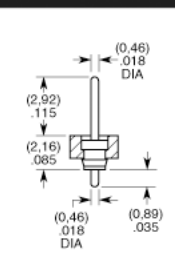
Not available with MSAT.

LEAD STYLE	A
-M	(1.52) .060
-N	(4.70) .185
-P	(11.05) .435



-M Component No. = T-1R14-1
-N Component No. = T-1R14-2
-P Component No. = T-1R14-3

-T = Extended Pin



-T Component No. = T-3R6

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
SAMTEC GERMANY • Tel: +49 (0) 89/89460-0 • Fax: +49 (0) 89/89460-299
SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-847420413
SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
SAMTEC JAPAN • Tel: 045-475-1385 • Fax: 045-475-1340
SAMTEC KOREA • Tel: 82-31-717-5685 • Fax: 82-31-717-5681
SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
SAMTEC CHINA • Tel: 86-21-61103766 • Fax: 86-21-53854047
SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 86 6714432
SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
SAMTEC INDIA • Tel: 91 80 306 21 612 • Fax: 91 80 4152 8187
SAMTEC TAIWAN • Tel: 886 02 2698-3367 • Fax: 886 02 8698-2159
SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745