**(2.54 mm) .100"****TS, TD, HTS SERIES**

# PRECISION MACHINED TERMINAL STRIPS

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TS](http://www.samtec.com?TS), [www.samtec.com?TD](http://www.samtec.com?TD) or [www.samtec.com?HTS](http://www.samtec.com?HTS)

**Insulator Material:**  
Black G.F. Polyester (TS, TD)  
Black Liquid Crystal Polymer (HTS)

**Terminal Material:**  
Brass, except Style G is Phosphor Bronze

**Plating:**  
Au over 50  $\mu$ " (1.27  $\mu$ m) Ni or Sn over 100  $\mu$ " (2.54  $\mu$ m) Cu or 50  $\mu$ " (1.27  $\mu$ m) Ni

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

**RoHS Compliant:**

Yes

**Lead-Free Solderable:**

HTS: Yes

TS, TD: No, Lead Wave Only

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**Mates with:**  
SS, SD, HSS, SL,  
SDL, ESS, ESD

**TYPE STRIP**

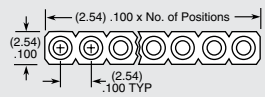
**1**

**NO. PINS PER ROW**

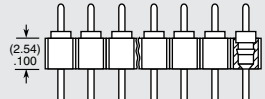
**PLATING OPTION**

**LEAD STYLE**

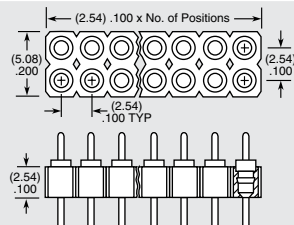
**TS**  
= Single Row Terminal Strip



**HTS**  
= Single Row High Temp Terminal Strip



**TD**  
= Double Row Terminal Strip



**-G**  
= 20  $\mu$ " (0.51  $\mu$ m) Gold  
Except -J & -L are  
10  $\mu$ " (0.25  $\mu$ m) Gold

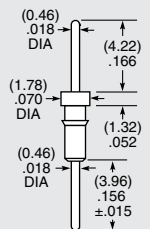
**-T**  
= Tin

**01 thru 32**  
= TS Series

**01 thru 36**  
= HTS & TD Series

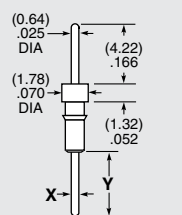
**Note:**  
Some lengths, styles and options are non-standard, non-returnable.

**-AA**



Component No. = T-1R5-

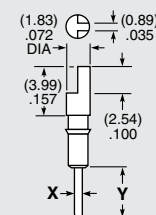
**-A, -A-1, -A-2**



-A Component No. = T-1R0-  
-A-X Component No. = T-1R7

| LEAD STYLE | X (DIA)     | Y (±.015)   |
|------------|-------------|-------------|
| -A         | (0.46) .018 | (3.96) .156 |
| -A-1       | (0.64) .025 | (5.33) .210 |
| -A-2       | (0.89) .035 |             |

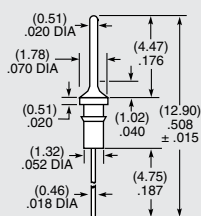
**-C, -C-1, -C-2**



-C Component No. = T-1R2-  
-C-X Component No. = T-1R9-

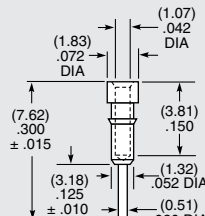
| LEAD STYLE | X (DIA)     | Y (±.015)   |
|------------|-------------|-------------|
| -C         | (0.46) .018 | (3.96) .156 |
| -C-1       | (0.64) .025 | (5.33) .210 |
| -C-2       | (0.89) .035 |             |

**-G-1**



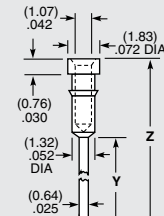
Component No. = T-1R5-

**-J**



Component No. = S-1P1-

**-L-1, -L-2, -L-3**



Component No. = S-1W1

| LEAD STYLE | Y            | Z (±.015)    |
|------------|--------------|--------------|
| -L-1       | (12.95) .510 | (17.86) .703 |
| -L-2       | (9.14) .360  | (14.05) .553 |
| -L-3       | (6.60) .260  | (11.51) .453 |

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.