

(2.54 mm) .100"

TS, TD, HTS SERIES

# PRECISION MACHINED TERMINAL STRIPS

## SPECIFICATIONS

For complete specifications see  
www.samtec.com?TS,  
www.samtec.com?TD or  
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:

Wave only

## RECOGNITIONS

For complete scope  
of recognitions see  
www.samtec.com/quality



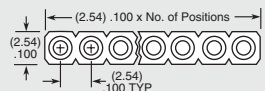
Mates with:  
SS, SD, HSS, SL,  
SDL, ESS, ESD

TYPE  
STRIP

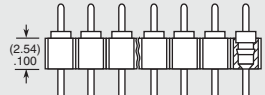
1

NO. PINS  
PER ROWPLATING  
OPTIONLEAD  
STYLE

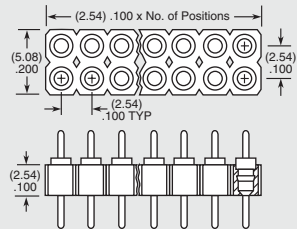
**TS**  
= Single  
Row Terminal  
Strip



**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

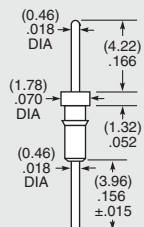
**-T**  
= Tin

**01 thru 32**  
= TS Series

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

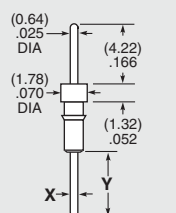
Note: Some lengths, styles and options  
are non-standard, non-returnable.

-AA



Component No. = T-1R5-

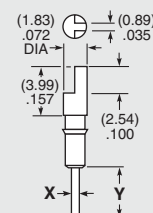
-A, -A-1, -A-2



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

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

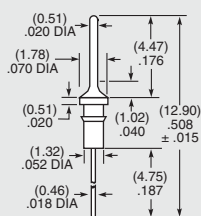
-C, -C-1, -C-2



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

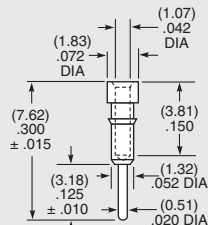
| LEAD<br>STYLE | X<br>(DIA)     | Y<br>(±.015)   |
|---------------|----------------|----------------|
| -C            | (0.46)<br>.018 | (3.96)<br>.156 |
| -C-1          | (0.64)<br>.025 | (5.33)<br>.210 |
| -C-2          | (0.89)<br>.035 |                |

-G-1



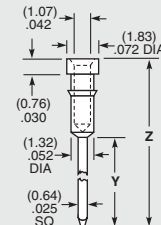
Component No. = T-1R5-

-J



Component No. = S-1P1-

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



Component No. = S-1W1

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

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

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

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.