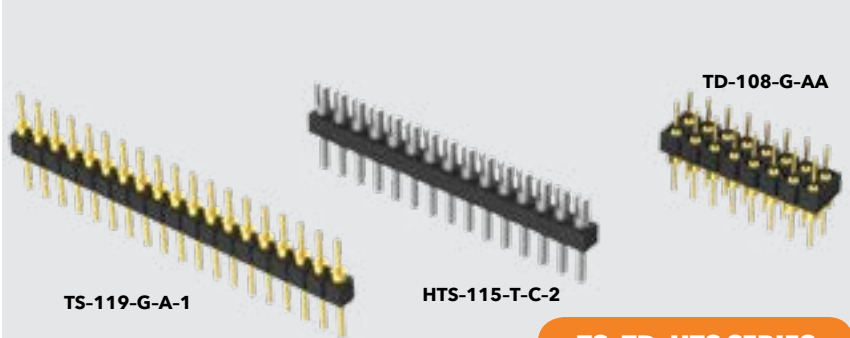




**THE DATASHEET OF  
TS-103-T-A**





(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 μ" (1.27 μm) Ni or Sn over 100 μ" (2.54 μm) Cu or 50 μ" (1.27 μm) 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

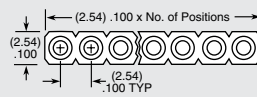
1

NO. PINS PER ROW

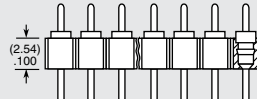
PLATING OPTION

LEAD STYLE

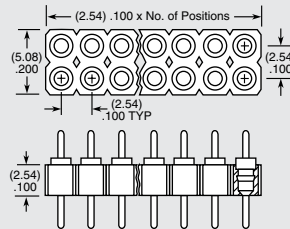
**TS**  
= Single Row Terminal Strip



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



**TD**  
= Double Row Terminal Strip



**-G**  
= 20 μ" (0.51 μm) Gold  
Except -J & -L are 10 μ" (0.25 μm) Gold

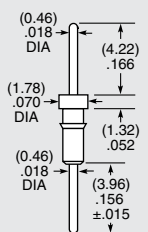
**-T**  
= Tin

**01 thru 32**  
= TS Series

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

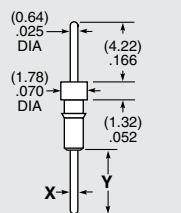
**Note:**  
Some lengths, styles and options are non-standard, non-returnable.

## -AA



Component No. = T-1R5-

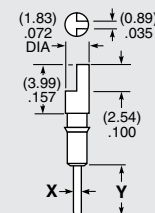
## -A, -A-1, -A-2



-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	(5.33) .210

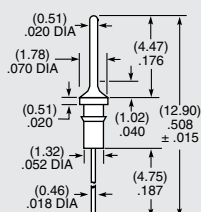
## -C, -C-1, -C-2



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

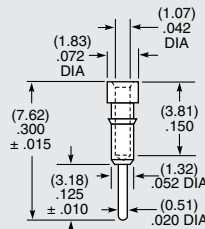
LEAD STYLE	X (DIA)	Y (±.015)
-C	(0.46) .018	(3.96) .156
-C-1	(0.64) .025	(5.33) .210
-C-2	(0.89) .035	(5.33) .210

## -G-1



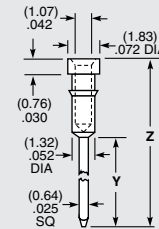
Component No. = T-1R5-

## -J



Component No. = S-1P1-

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



Component No. = S-1W1

LEAD STYLE	X (DIA)	Y (±.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

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View TS-103-T-A on WIN SOURCE](#)

 [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management