



(1.00 mm) .0394"

T1M SERIES

# DISCRETE WIRE COMPONENTS

Mates with:  
S1SS(T), S1SD(T)

## SPECIFICATIONS

For complete specifications see [www.samtec.com?T1M](http://www.samtec.com?T1M)

**Insulator Material:** Natural LCP  
**Terminal Material:** Phosphor Bronze  
**Weld Tab:** Phosphor Bronze  
**Plating:** Au or Sn over 50 μm (1.27 μm) Ni  
**Operating Temp Range (S1SX(T)/T1M):** -10 °C to +85 °C (PVC) -40 °C to +125 °C (Teflon® cable with -GF plated contact)  
**Current Rating (S1SX (28 AWG)/T1M):** 3.3 A per pin (1 pin powered)  
**Voltage Rating:** 250 VAC/353 VDC  
**RoHS Compliant:** Yes

## RECOGNITIONS

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



T1M	NO. OF POSITIONS	PLATING OPTION	ROW OPTION	LATCH	OPTION
	-02, -03, -05, -07, -10, -15, -20	-F = 3 μm (0.07 μm) Gold on contact, Matte Tin on tail	-SH = Single Row Horizontal -SV = Single Row Vertical	(Required in callout) -L = Positive Latch	-K = (4.00 mm) .157" DIA Polyimide Film Pick & Place Pad (-SH only) -P = Pick & Place Pad (-SV only)

-SH

-SV

**OTHER SOLUTIONS**

- Without latch
- Other sizes

T1M	NO. OF POSITIONS	PLATING OPTION	ROW OPTION	OPTION
	-02, -03, -04, -05, -10, -15, -20 (Per Row)	-GF = 3 μm (0.07 μm) Gold contact and tail	-DH = Double Row Horizontal -DV = Double Row Vertical	-K = (4.00 mm) .157" DIA Polyimide Film Pick & Place Pad (-DV only)

-DH

-DV

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

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.

# Mouser Electronics

Authorized Distributor

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