



T1M-07-F-SV-L

T1M-05-F-SH-L



ISS1-10-L



CC09R-01-GF

(1.00 mm) .0394"

ISS1, CC09R, CC09M, T1M SERIES

# DISCRETE WIRE COMPONENTS & TOOLING

## SPECIFICATIONS

For complete specifications see [www.samtec.com?ISS1](http://www.samtec.com?ISS1), [www.samtec.com?CC09R](http://www.samtec.com?CC09R) or [www.samtec.com?CC09M](http://www.samtec.com?CC09M)

## TOOLING

- Hand tool: CAT-HT-309-2830-12
- Clamp for mounting hand tool to work table: CAT-HT-MNT-01
- Mini Applicator: CAT-MA-309-2830-XX-01

TYPE	NO. OF POSITIONS	LATCH	TYPE	01	PLATING
ISS1 = Single Row Body	-02, -03, -05, -07, -10, -15, -20	(Leave blank for no latch)  -L = Positive Latch	CC09R = Contact, Full Reel (30,000 Parts per Reel)	CC09M = Contact, Mini Reel (5,000 Parts per Reel)	-GF = 3 μ" (0.07 μm) Gold contact and tail  -T = Tin
<p>No. of positions x (1.00) .03937 + (1.20) .047</p> <p>(1.00) .03937</p> <p>(5.00) .197</p> <p>(4.20) .165</p> <p>LATCH</p>	<p>No. of positions x (1.00) .03937 + (3.00) .118</p> <p>(1.00) .03937</p> <p>(2.10) .083</p> <p>NO LATCH</p> <p>Insulator Material: Natural Nylon</p>		<p>(9.01) .355</p> <p>(2.76) .109</p> <p>(3.60) .141</p> <p>(3.81) .150</p> <p>(3.60) .141</p> <p>Contact Material: Phosphor Bronze</p>		

Mates with: S1SS(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 μ" (1.27 μm) Ni

**Operating Temp Range:** -55 °C to +85 °C

**Current Rating:** 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)



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

T1M	NO. OF POSITIONS	PLATING OPTION	ROW OPTION	LATCH	OPTION
	-02, -03, -05, -07, -10, -15, -20	-F = 3 μ" (0.07 μm) Gold on contact, Matte Tin on tail  -T = Tin	-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)
<p>(4.25) .167</p> <p>(0.20) .008</p> <p>(5.20) .205</p> <p>-SH</p>	<p>No. of positions x (1.00) .0394 + (2.40) .094</p> <p>(4.25) .167</p> <p>(1.00) .0394</p> <p>(5.50) .217</p> <p>(4.45) .179</p> <p>(0.20) .008</p> <p>(0.80) .031</p> <p>(3.90) .154</p> <p>(1.50) .059</p> <p>(5.10) .201</p> <p>-SV</p>				<p><b>OTHER SOLUTIONS</b></p> <ul style="list-style-type: none"> <li>• Without latch Contact Samtec.</li> </ul>