



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



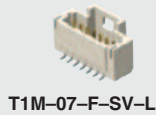
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T1M-07-F-SV-L

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 (25,000 Parts per Reel)	CC09M = Contact, Mini Reel (1,000 Parts per Reel)	-GF = 3 μ" (0.07 μm) Gold contact and tail -T = Tin

**LATCH**

No. of positions x (1.00) .03937 + (1.20) .047

No. of positions x (1.00) .03937 + (3.00) .118

(1.00) .03937

(5.00) .197

(4.20) .165

**NO LATCH**

No. of positions x (1.00) .03937 + (3.00) .118

(2.10) .083

Insulator Material: Natural Nylon

CC09R/CC09M

(9.01) .355

(2.76) .109

(3.60) .141

(3.81) .150

Contact Material: Phosphor Bronze

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 (S1SS(T)/T1M):** -10 °C to +85 °C (PVC) -40 °C to +125 °C (Teflon® cable with -GF plated contact)  
**Current Rating (S1SS (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)



**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)	

**-SH**

No. of positions x (1.00) .0394 + (2.40) .094

(4.25) .167

(5.20) .205

(0.20) .008

(1.00) .0394

(4.60) .181

(1.50) .059

(5.10) .201

**-SV**

No. of positions x (1.00) .0394 + (2.40) .094

(4.25) .167

(1.00) .0394

(5.50) .217

(4.45) .179

(0.20) .008

(0.80) .031

(3.90) .154

(1.50) .059

### OTHER SOLUTIONS

- Without latch

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.