



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, www.samtec.com?CC09R or 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
<p>No. of positions x (1.00) .03937 + (1.20) .047</p> <p>No. of positions x (1.00) .03937 + (3.00) .118</p> <p>No. of positions x (1.00) .03937 + (3.00) .118</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>(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>(3.60) .141</p> <p>(3.81) .150</p> <p>Contact Material: Phosphor Bronze</p>		

Mates with: S1SS(T)

SPECIFICATIONS

For complete specifications see 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



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>No. of positions x (1.00) .0394 + (2.40) .094</p> <p>(4.60) .181</p> <p>(1.00) .0394</p> <p>-SH</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>-SV</p>				<p>OTHER SOLUTIONS</p> <ul style="list-style-type: none"> • Without latch

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

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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.