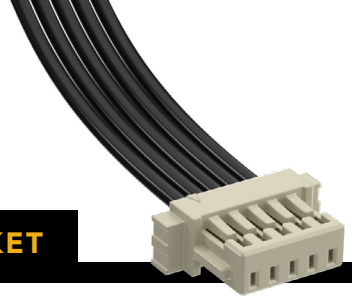


## (1.00 mm) .0394" PITCH • SINGLE ROW DISCRETE WIRE SOCKET



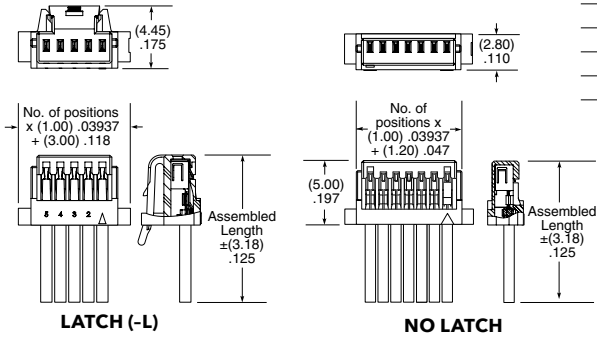
SERIES	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	OPTION
<b>S1SS</b> = Single Row PVC Cable	<b>-02, -03, -05, -07, -10 -15, -20</b> (Standard sizes)	<b>-28</b> = 28 AWG <b>-28C</b> = 28 AWG Color Coded Cable (S1SS only) <b>-30</b> = 30 AWG <b>-30C</b> = 30 AWG Color Coded Cable (S1SS only)	<b>-GF</b> = 3 μm (0.07 μm) Gold on contact and tail	<b>-"XX.XX"</b> = Assembled Length in Inches (45.72 mm) 01.80" min.	(Required Callout) <b>-L</b> = Single Ended With Latch <b>-L1</b> = Double Ended Latch down, straight (Pin 1 to Pin 1) <b>-L3</b> = Double Ended Latch up, straight (Pin 1 to Pin N) <b>-S</b> = Single Ended No Latch <b>-D-NUS</b> = Double Ended No Latch, "N" up, straight <b>-D-NDS</b> = Double Ended No Latch, "N" down, straight

**S1SS(T)**  
Board Mates:  
T1M  
Cable Mates:  
T1SS(T), T1PS(T)

S1SS CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT

### SPECIFICATIONS

**Insulator Material:** Nylon, White (with latch) Black, LCP (without latch)  
**Contact Material:** Phosphor Bronze  
**Plating:** Au over 50 μm (1.27 μm) Ni  
**Operating Temp Range (S1SS(T)/T1M):** -10 °C to +85 °C (PVC) -40 °C to +125 °C (Teflon®)  
**Current Rating (28 AWG):** 2.7 A per pin (1 pin powered)  
**Voltage Rating:** 250 VAC/353 VDC  
**Wire:** 28 or 30 AWG



\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.  
**Note:** Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

View complete specifications at: [samtec.com?S1SS](http://samtec.com?S1SS) & [samtec.com?S1SST](http://samtec.com?S1SST)

SERIES	NO. OF POSITIONS	LATCH	SERIES	01	PLATING
<b>ISS1</b> = Single Row Body	<b>-02, -03, -05, -07, -10, -15, -20</b>	(Leave blank for no latch) <b>-L</b> = Positive Latch	<b>CC09R</b> = Contact, Full Reel (25,000 Parts per Reel)		<b>-GF</b> = 3 μm (0.07 μm) Gold contact and tail

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

TOOLING	
Hand Tool: CAT-HT-309-2830-12	Mini Applicator: CAT-MC-309-2830-XX-01
Clamp for mounting hand tool: CAT-HT-MNT-01	

View complete specifications at: [samtec.com?ISS1](http://samtec.com?ISS1), [samtec.com?CC09R](http://samtec.com?CC09R) & [samtec.com?CC09M](http://samtec.com?CC09M)

# Mouser Electronics

Authorized Distributor

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