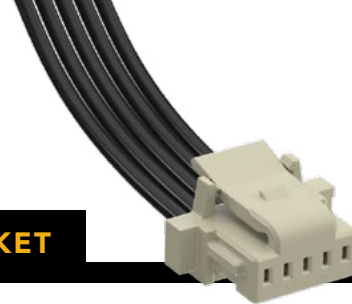


## (1.00 mm) .0394" PITCH • SINGLE ROW DISCRETE WIRE SOCKET

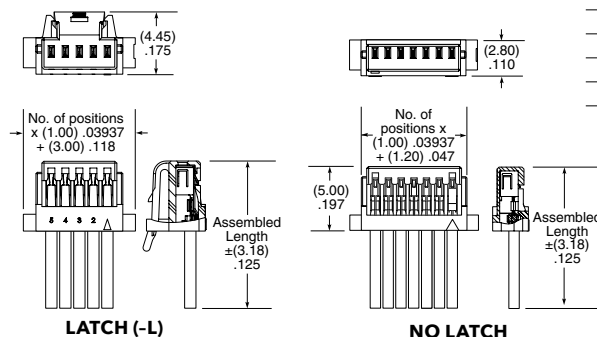


SERIES	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	OPTION
<b>S1SS</b> = Single Row PVC Cable	<b>-02, -03,</b> <b>-05, -07,</b> <b>-10 -15, -20</b> (Standard sizes)	<b>-28</b> = 28 AWG  <b>-28C</b> = 28 AWG Color Coded Cable (S1SS only)  <b>-30</b> = 30 AWG  <b>-30C</b> = 30 AWG Color Coded Cable (S1SS only)	<b>-GF</b> = 3 μ" (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-ND</b> = Double Ended No Latch, "N" down, straight
<b>S1SS(T)</b> <b>Board Mates:</b> <b>T1M</b> <b>Cable Mates:</b> <b>T1SS(T), T1PS(T)</b>					

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 μ" (1.27 μm) Ni  
**Operating Temp Range (S1SS(T)/T1M):**  
-10 °C to +85 °C (PVC)  
-40 °C to +125 °C  
(\*Teflon™ Fluoropolymer)  
**Current Rating (28 AWG):**  
2.7 A per pin (1 pin powered)  
**Voltage Rating:**  
250 VAC/353 VDC  
**Wire:** 28 or 30 AWG



\*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

**Note:**  
Teflon™ Fluoropolymer 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?S1SS\(T\)](http://samtec.com?S1SS(T))

SERIES	NO. OF POSITIONS	LATCH	SERIES	01	PLATING
<b>ISS1</b> = Single Row Body	<b>-02, -03, -05,</b> <b>-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>CC09M</b> = Contact, Mini Reel (5,000 Parts per Reel)		<b>-GF</b> = 3 μ" (0.07 μm) Gold contact and tail

### TOOLING

Hand Tool: CAT-HT-309-2830-12

Clamp for mounting hand tool: CAT-HT-MNT-01

Mini Applicator: CAT-MC-309-2830-XX-01

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

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)

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