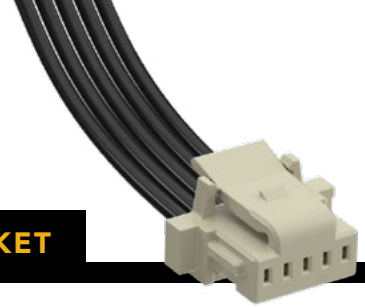




## (1.00 mm) .0394" PITCH • SINGLE ROW DISCRETE WIRE SOCKET



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>-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 S</b> = Double Ended No Latch, "N" down, straight

### S1SS(T)

Board Mates:

T1M

Cable Mates:

T1SS(T), T1PS(T)

### 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)

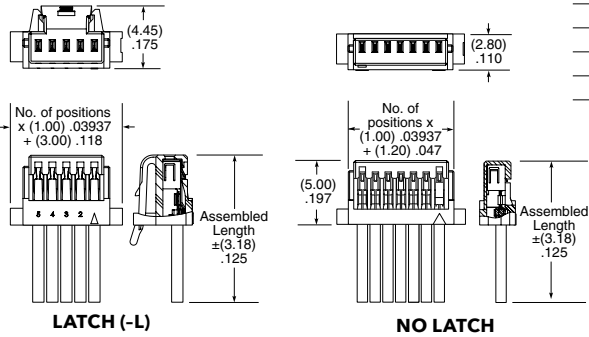
#### Current Rating (28 AWG):

2.7 A per pin (1 pin powered)

#### Voltage Rating:

250 VAC/353 VDC

Wire: 28 or 30 AWG



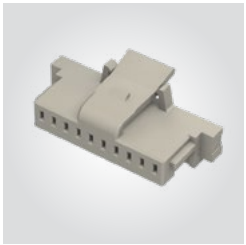
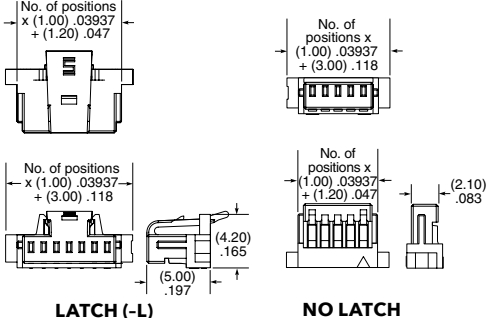

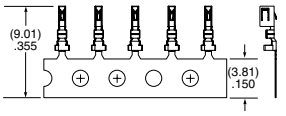
#### S1SS CABLE COLOR CODING

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

\*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?S1ST](http://samtec.com?S1ST)

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 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)

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View S1SS-05-28-GF-20.00-S on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

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-  Shortage Management
-  Alternative Solution
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