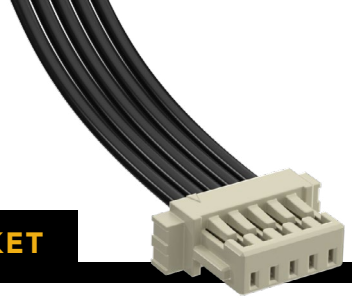


## (1.00 mm) .0394" PITCH • SINGLE ROW DISCRETE WIRE SOCKET



SERIES	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	OPTION
--------	--------------	------------	----------------	------------------	--------

**S1SS**  
= Single Row PVC Cable

**S1SST**  
= Single Row Blue \*Teflon® Cable (28 AWG only)

### S1SS(T)

Board Mates:

T1M

Cable Mates:

T1SS(T), T1PS(T)

**-02, -03, -05, -07, -10 -15, -20**  
(Standard sizes)

**-28**  
= 28 AWG  
**-28C**  
= 28 AWG Color Coded Cable (S1SS only)

**-30**  
= 30 AWG  
**-30C**  
= 30 AWG Color Coded Cable (S1SS only)

**-GF**  
= 3 μm (0.07 μm) Gold on contact and tail

**-"XX.XX"**  
= Assembled Length in Inches (45.72 mm) 01.80" min.

(Required Callout)

**-L**  
= Single Ended With Latch

**-L1**  
= Double Ended Latch down, straight (Pin 1 to Pin 1)

**-L3**  
= Double Ended Latch up, straight (Pin 1 to Pin N)

**-S**  
= Single Ended No Latch

**-D-NUS**  
= Double Ended No Latch, "N" up, straight

**-D-NDS**  
= Double Ended No Latch, "N" down, straight

### 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®)

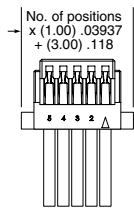
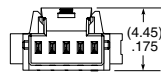
#### Current Rating (28 AWG):

2.7 A per pin (1 pin powered)

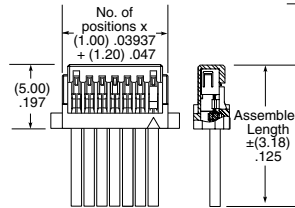
#### Voltage Rating:

250 VAC/353 VDC

Wire: 28 or 30 AWG



LATCH (-L)



NO LATCH

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

\*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.

SERIES	NO. OF POSITIONS	LATCH	SERIES	01	PLATING
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**ISS1**  
= Single Row Body

**-02, -03, -05, -07, -10, -15, -20**

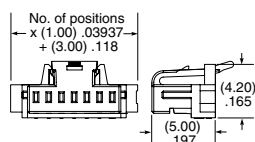
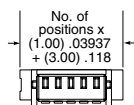
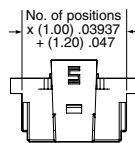
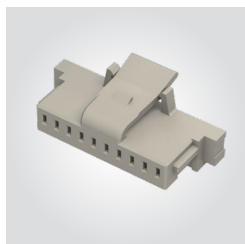
(Leave blank for no latch)

**-L**  
= Positive Latch

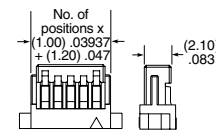
**CC09R**  
= Contact, Full Reel (25,000 Parts per Reel)

**CC09M**  
= Contact, Mini Reel (5,000 Parts per Reel)

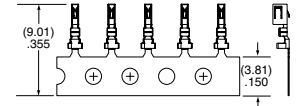
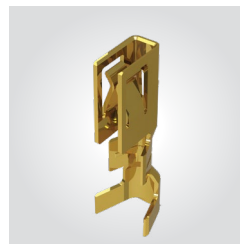
**-GF**  
= 3 μm (0.07 μm) Gold contact and tail



LATCH (-L)



NO LATCH



### 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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Authorized Distributor

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