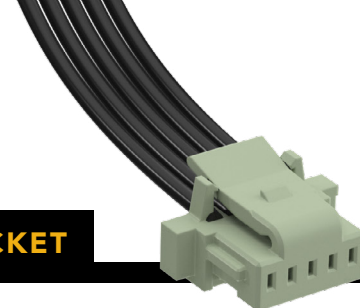


## (1.00 mm) .0394" PITCH • SINGLE ROW WIRE TO BOARD SOCKET



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

**S1SS**  
= Single Row PVC Cable

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

**-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 μ" (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 |

### S1SS(T)

**Board Mates:**

**T1M**

**Cable Mates:**

**T1SS(T), T1PS(T)**

### SPECIFICATIONS

#### Insulator Material:

Nylon, Light Green (with latch)

Nylon, Black (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 (S1SST/T1M):

2.2 A per pin

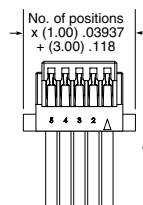
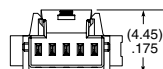
(3 adjacent pins powered)

#### Voltage Rating:

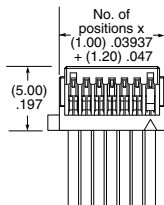
250 VAC/354 VDC

#### 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)

\*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.

| SERIES | NO. OF POSITIONS | LATCH | SERIES | 01 | PLATING |
|--------|------------------|-------|--------|----|---------|
|--------|------------------|-------|--------|----|---------|

**ISS1**  
= Single Row Body

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

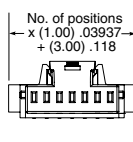
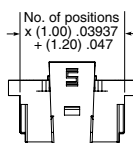
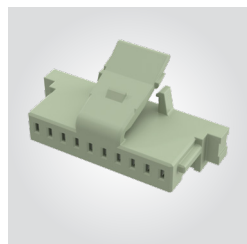
(Leave blank for no latch)

**-L**  
= Positive Latch

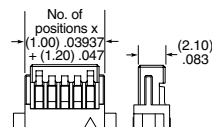
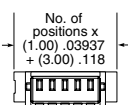
**CC09R**  
= Contact, Full Reel (25,000 Parts per Reel)

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

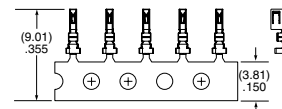
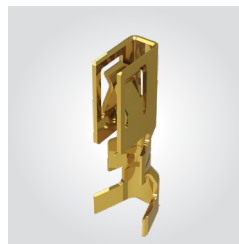
**-GF**  
= 3 μ" (0.07 μm) Gold contact and tail



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)