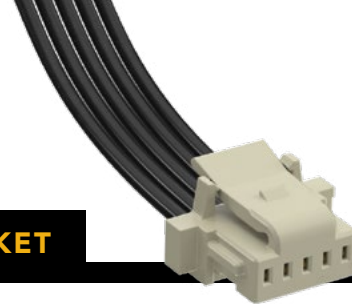


## (1.00 mm) .0394" PITCH • SINGLE ROW DISCRETE WIRE SOCKET



| SERIES                                                                                                | PINS PER ROW                                                                    | WIRE GAUGE                                                                                                                                                                     | PLATING OPTION                                          | ASSEMBLED LENGTH                                                       | OPTION                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>S1SS</b><br>= Single Row PVC Cable                                                                 | <b>-02, -03,</b><br><b>-05, -07,</b><br><b>-10 -15, -20</b><br>(Standard sizes) | <b>-28</b><br>= 28 AWG<br><br><b>-28C</b><br>= 28 AWG Color Coded Cable (S1SS only)<br><br><b>-30</b><br>= 30 AWG<br><br><b>-30C</b><br>= 30 AWG Color Coded Cable (S1SS only) | <b>-GF</b><br>= 3 μ" (0.07 μm) Gold on contact and tail | <b>-"XX.XX"</b><br>= Assembled Length in Inches (45.72 mm) 01.80" min. | (Required Callout)<br><br><b>-L</b><br>= Single Ended With Latch<br><br><b>-L1</b><br>= Double Ended Latch down, straight (Pin 1 to Pin 1)<br><br><b>-L3</b><br>= Double Ended Latch up, straight (Pin 1 to Pin N)<br><br><b>-S</b><br>= Single Ended No Latch<br><br><b>-D-NUS</b><br>= Double Ended No Latch, "N" up, straight<br><br><b>-D-NDs</b><br>= Double Ended No Latch, "N" down, straight |
| <b>S1SS(T)</b><br><b>Board Mates:</b><br><b>T1M</b><br><b>Cable Mates:</b><br><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)

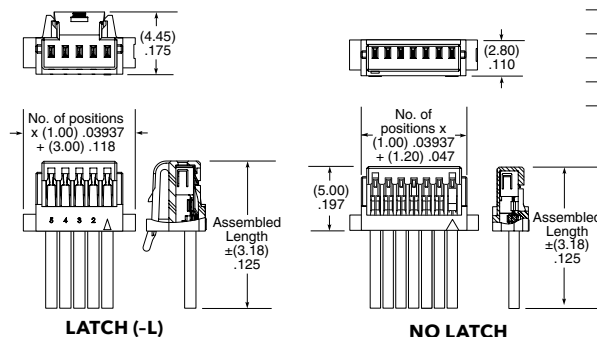
#### Current Rating (28 AWG):

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><br>= Single Row Body | <b>-02, -03, -05,</b><br><b>-07, -10, -15, -20</b> | (Leave blank for no latch)<br><br><b>-L</b><br>= Positive Latch | <b>CC09R</b><br>= Contact, Full Reel (25,000 Parts per Reel)<br><br><b>CC09M</b><br>= Contact, Mini Reel (5,000 Parts per Reel) |    | <b>-GF</b><br>= 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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