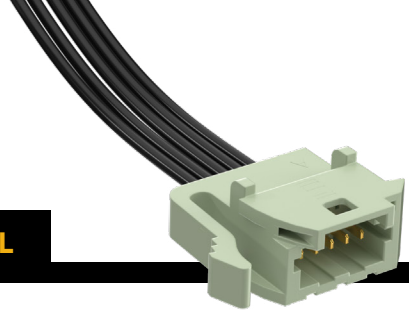


## (1.00 mm) .0394" • SINGLE ROW DISCRETE WIRE TERMINAL



| SERIES                                                                         | NO. OF POSITIONS                               | WIRE GAUGE                                                   | PLATING OPTION                                          | ASSEMBLED LENGTH                                                    | PANEL OPTION                                                                          | PINOUT                                                               |
|--------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>T1SS</b><br>= Single Row Non-Panel Mount PVC Cable                          | -02 positions not available with T1PS or T1PST | <b>-28</b><br>= 28 AWG                                       | <b>-GF</b><br>= 3 μ" (0.07 μm) Gold on contact and tail | <b>-"XX.X"</b><br>= Assembled Length in Inches (45.7 mm) 01.8" min. | (Leave blank for non-panel mount)                                                     | (Leave blank for single ended assembly)                              |
| <b>T1PS</b><br>= Single Row Panel Mount PVC Cable                              | <b>-02 thru -10</b> (Per Row)                  | <b>-28C</b><br>= 28 AWG Color Coded Cable (T1SS & T1PS only) |                                                         |                                                                     | <b>-A</b><br>= Fits .033" (0.84 mm), .062" (1.57 mm) and .090" (2.29 mm) Thick Panels | <b>-D1</b><br>= Double Ended down (Not available with T1PS or T1PST) |
| <b>T1SST</b><br>= Single Row Non-Panel Mount Blue *Teflon™ Fluoropolymer Cable |                                                | <b>-30</b><br>= 30 AWG                                       |                                                         |                                                                     |                                                                                       | <b>-D3</b><br>= Double Ended up (Not available with T1PS or T1PST)   |
| <b>T1PST</b><br>= Double Row Panel Mount Blue *Teflon™ Fluoropolymer Cable     |                                                | <b>-30C</b><br>= 30 AWG Color Coded Cable (T1SS & T1PS only) |                                                         |                                                                     |                                                                                       | <b>-T1</b><br>= Transfer to socket down                              |
|                                                                                |                                                |                                                              |                                                         |                                                                     |                                                                                       | <b>-T3</b><br>= Transfer to socket up                                |

### T1SS(T), T1PS(T)

#### Cable Mates:

S1SS, S1SST

### SPECIFICATIONS

#### Insulator Material:

Nylon, Light Green

#### Contact Material:

Phosphor Bronze

#### Plating:

Au over 50 μ" (1.27 μm) Ni

#### Operating Temp Range:

-10 °C to +80 °C (PVC)

-40 °C to +125 °C

(\*Teflon™ Fluoropolymer)

#### Current Rating (T1XS/S1SS):

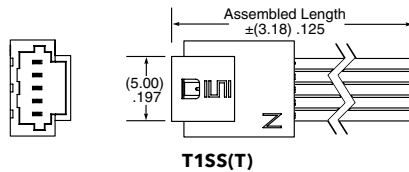
2.7 A per pin

#### Voltage Rating:

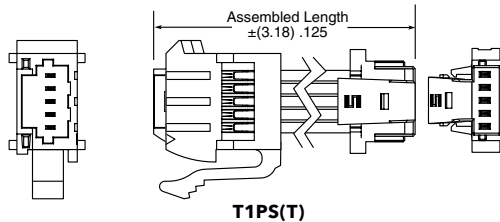
225 VAC/318 VDC

#### Wire:

28 or 30 AWG



T1SS(T)



T1PS(T)

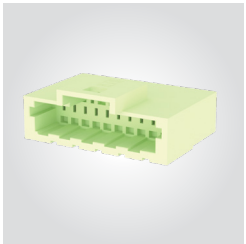
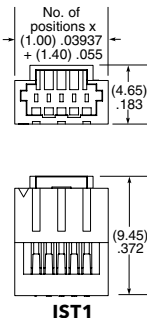
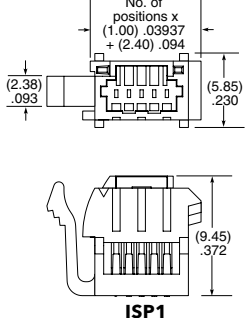
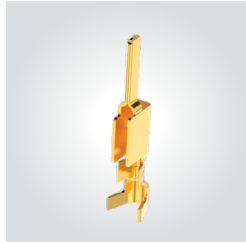
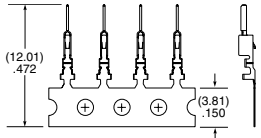
#### -28C, -30C CABLE COLOR CODING

| 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?T1SS](http://samtec.com?T1SS), [samtec.com?T1SST](http://samtec.com?T1SST), [samtec.com?T1PS](http://samtec.com?T1PS) & [samtec.com?T1PST](http://samtec.com?T1PST)

| SERIES                                                                              | NO. OF POSITIONS                                                                    | PANEL THICKNESS                                                                     | SERIES                                                                               | 01 | PLATING                                                                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|
| <b>IST1</b><br>= Single Row Body                                                    | <b>-02 thru -10</b> (IST1 Body)                                                     | (Leave blank for IST1)                                                              | <b>TC37R</b><br>= Contact, Full Reel (25,000 Parts per Reel)                         |    | <b>-GF</b><br>= 3 μ" (0.07 μm) Gold contact and tail                                  |
| <b>ISP1</b><br>= Single Row Panel Mount Body                                        | <b>-03 thru -10</b> (ISP1 Body)                                                     | = Fits 0.84 mm, 1.57 mm & 2.29 mm Thick Panels                                      | <b>TC37M</b><br>= Contact, Mini Reel (1,000 - 5,000 Parts per Reel)                  |    |                                                                                       |
|  |  |  |  |    |  |
| <b>IST1</b>                                                                         |                                                                                     | <b>ISP1</b>                                                                         |                                                                                      |    |                                                                                       |

### TOOLING

Hand Tool: CAT-HT-1137-2830-12

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?IST1](http://samtec.com?IST1), [samtec.com?ISP1](http://samtec.com?ISP1), [samtec.com?TC37R](http://samtec.com?TC37R) & [samtec.com?TC37M](http://samtec.com?TC37M)

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