



### (2.00 mm) .0787" PITCH • DISCRETE WIRE CABLE ASSEMBLY

| SERIES                                                                                        | PINS PER ROW                                                                     | WIRE GAUGE                                                            | PLATING OPTION                                    | ASSEMBLED LENGTH                                                                                                 | END OPTIONS                                                                                                                                                                                 | END 2 OPTIONS                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>T2SD</b><br>= Double Row<br>PVC Cable                                                      | <b>-05, -07,</b><br><b>-10, -15,</b><br><b>-20, -25, -30</b><br>(Standard sizes) | <b>-24</b><br><b>-24C</b><br>= Color<br>Coded<br>Cable<br>(T2SD only) | <b>-L</b><br>= 10 μ" (0.25 μm)<br>Gold on contact | <b>-"XX.XX"</b><br>= Wire Length<br>in Inches<br>-S = (76.3 mm)<br>03.00" min.<br>-D = (82.55 mm)<br>03.25" min. | <b>-S</b><br>= Single End<br><br><b>-D</b><br>= Double End<br><br><b>-T</b><br>= Transfer End<br>(Socket on end 2)<br><br><b>-TR</b><br>= Transfer End with<br>Retention Latch<br>on Socket | (Only available<br>with -D, -T & -TR)<br>(See Chart for pin<br>configuration)<br><br><b>-NUS</b><br>= Notch up, straight<br><br><b>-NDS</b><br>= Notch down,<br>straight<br><br><b>-NUX</b><br>= Notch up, crossed<br><br><b>-NDX</b><br>= Notch down,<br>crossed |
| <b>T2SDT</b><br>= Double Row<br>Blue *Teflon™<br>Fluoropolymer Cable<br>(24, 28, 30 AWG only) |                                                                                  | <b>-26</b><br><br><b>-28</b><br><br><b>-30</b>                        |                                                   |                                                                                                                  |                                                                                                                                                                                             |                                                                                                                                                                                                                                                                   |

#### T2SD(T)

##### Board Mates:

T2M (Requires -T or -TR),  
S2M

### SPECIFICATIONS

#### Insulator Material:

Black LCP

#### Terminal Material:

Phosphor Bronze

#### Plating:

Au over 50 μ" (1.27 μm) Ni

#### Wire:

24, 26, 28 or 30 AWG

#### Current Rating (T2SD/S2M):

2.6 A per pin  
(2 pins powered)

#### Operating Temp Range:

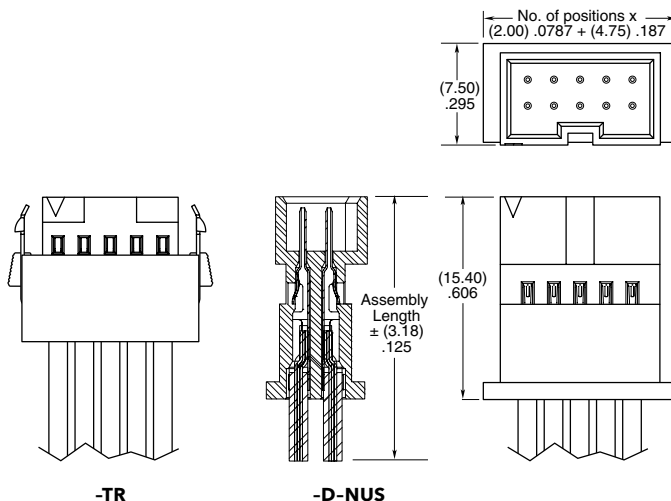
-10 °C to +105 °C (PVC)

-40 °C to +125 °C

(\*Teflon™ Fluoropolymer)

#### Voltage Rating:

350 VAC



-TR

-D-NUS

\*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

#### Notes:

Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

For wiring option information refer to drawings on web.

Some lengths, styles and options are non-standard, non-returnable.

| END 1<br>OPTION | PIN CONFIGURATION   |                   |                   |                     |
|-----------------|---------------------|-------------------|-------------------|---------------------|
|                 | END 2<br>-NUS       | END 2<br>-NDS     | END 2<br>-NUX     | END 2<br>-NDX       |
| -D              | Pin 1 to<br>Pin N-1 | Pin 1 to<br>Pin 2 | Pin 1 to<br>Pin N | Pin 1 to<br>Pin 1   |
| -T & -TR        | Pin 1 to<br>Pin 1   | Pin 1 to<br>Pin N | Pin 1 to<br>Pin 2 | Pin 1 to<br>Pin N-1 |

| -24C CABLE<br>COLOR CODING |        |
|----------------------------|--------|
| PIN                        | COLOR  |
| 1                          | BROWN  |
| 2                          | RED    |
| 3                          | ORANGE |
| 4                          | YELLOW |
| 5                          | GREEN  |
| 6                          | VIOLET |
| 7                          | GRAY   |
| 8                          | WHITE  |
| 9                          | BLACK  |
| 10                         | BLUE   |
| ETC                        | REPEAT |

View complete specifications at: [samtec.com?T2SD](http://samtec.com?T2SD) & [samtec.com?T2SDT](http://samtec.com?T2SDT)

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