

| SERIES                                                                                                      | POSITIONS PER ROW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | WIRE GAUGE                                                                            | PLATING OPTION                                                                                               | ASSEMBLED LENGTH                                                                                                                 | END OPTION                                                                                                                                                                                                                                                                                    | END 2 OPTION                                                                                                                                                                                                                                                   |       |   |     |   |        |   |        |   |       |   |        |   |      |   |       |   |       |    |      |     |        |  |  |  |                                                                                                                                                                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---|-----|---|--------|---|--------|---|-------|---|--------|---|------|---|-------|---|-------|----|------|-----|--------|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>SFSD</b><br>= Double Row PVC Cable<br><br><b>SFSDT</b><br>= Double Row Blue *Teflon™ Fluoropolymer Cable | -03, -04,<br>-05, -07,<br>-10, -15,<br>-20, -25,<br>-40, -50<br>(Standard sizes)                                                                                                                                                                                                                                                                                                                                                                                                                       | -28<br>= 28 AWG<br><br>-28C<br>= Color Coded Cable (SFSD only)<br><br>-30<br>= 30 AWG | -F<br>= Gold flash on contact and on tail<br><br>-G<br>= 10 μm (0.25 μm) Gold on contact, Gold Flash on tail | -“XX.XX”<br>= Assembled Length in Inches (76.20 mm)<br>03.00" min. for -S end option (82.60 mm)<br>03.25" min. for -D end option | -S<br>= Single Ended<br><br>-D<br>= Double Ended<br>For -(X) specify “S” for single ended and “D” for double ended.<br><br>-(X)R<br>= Retention Latch (TFM-WT option required for mating)<br><br>-(X)S<br>= Screw Down (Not available in -03, -04 & -50 positions) (Mates with TFM-DS option) | Requires -D, -DS, -DR (End 1 Notch Up)<br><br>-NUS<br>= Notch up, straight (Pin 1 to Pin N-1)<br><br>-NDS<br>= Notch down, straight (Pin 1 to Pin 2)<br><br>-NUX<br>= Notch up, crossed (Pin 1 to Pin N)<br><br>-NDX<br>= Notch down, crossed (Pin 1 to Pin 1) |       |   |     |   |        |   |        |   |       |   |        |   |      |   |       |   |       |    |      |     |        |  |  |  |                                                                                                                                                                                                                                 |  |
| <b>SFSD(T)</b><br>Board Mates:<br>TFM, TFML, TFC<br>(-SR & -DR requires -WT option)                         | <table> <tr> <th colspan="2">-28C CABLE COLOR CODING</th> </tr> <tr> <th>PIN</th><th>COLOR</th></tr> <tr><td>1</td><td>BROWN</td></tr> <tr><td>2</td><td>RED</td></tr> <tr><td>3</td><td>ORANGE</td></tr> <tr><td>4</td><td>YELLOW</td></tr> <tr><td>5</td><td>GREEN</td></tr> <tr><td>6</td><td>VIOLET</td></tr> <tr><td>7</td><td>GRAY</td></tr> <tr><td>8</td><td>WHITE</td></tr> <tr><td>9</td><td>BLACK</td></tr> <tr><td>10</td><td>BLUE</td></tr> <tr><td>ETC</td><td>REPEAT</td></tr> </table> | -28C CABLE 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 |  |  |  | <p>*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.</p> <p><b>Notes:</b><br/>Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.</p> |  |
| -28C CABLE 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                       |                                                                                                              |                                                                                                                                  |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |       |   |     |   |        |   |        |   |       |   |        |   |      |   |       |   |       |    |      |     |        |  |  |  |                                                                                                                                                                                                                                 |  |
|                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                       |                                                                                                              |                                                                                                                                  |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |       |   |     |   |        |   |        |   |       |   |        |   |      |   |       |   |       |    |      |     |        |  |  |  |                                                                                                                                                                                                                                 |  |
|                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -SR                                                                                   | -D-NUS                                                                                                       | SFSD OR SFSDT                                                                                                                    |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |       |   |     |   |        |   |        |   |       |   |        |   |      |   |       |   |       |    |      |     |        |  |  |  |                                                                                                                                                                                                                                 |  |

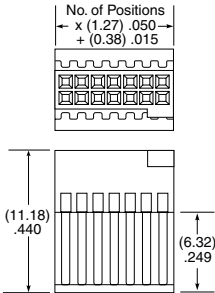
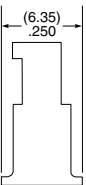
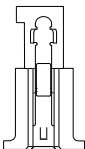
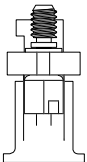
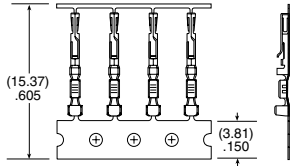
\*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec

**Notes:**

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

For wiring option information refer to drawings on web.

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

| ISDF                                                                                | POSITIONS PER ROW                                                                   | ROW OPTION                                                                          | OPTION                                                                              | SERIES                                                                              | WIRE GAUGE                                                                           | 01                                                                                    | PLATING                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                                                                                     | <b>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50</b><br>(Standard sizes)         | <b>-D</b><br>= Double Row                                                           | <b>-M</b><br>= Metal Retention Latch<br><br><b>-S</b><br>= Screw Down               | <b>CC03R</b><br>= Contact, Full Reel<br>(35,000 Parts per Reel)                     | <b>-2830</b><br>= 28 to 30 AWG                                                       |                                                                                       | <b>-GF</b><br>= Gold flash contact<br><br><b>-G</b><br>= 10 μ" (0.25 μm) Gold on contact |
|  |  |  |  |  |  |  |                                                                                          |

## TOOLING

|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Hand Tool: CAT-HT-203-2830-12               | Mini Applicator: CAT-MC-203-2830-XX-01 |
| Clamp for mounting hand tool: CAT-HT-MNT-01 | Extraction Tool: CAT-EX-169-01         |

**Note:**

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

View complete specifications at: [samtec.com?ISDF](http://samtec.com?ISDF), [samtec.com?CC03R](http://samtec.com?CC03R) & [samtec.com?CC03M](http://samtec.com?CC03M)