



**(1.27 mm) .050" PITCH • DISCRETE WIRE ASSEMBLY/COMPONENTS**

SERIES	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
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**SFSS**  
= Single Row  
PVC Cable

**SFSST**  
= Single Row  
Blue \*Teflon™  
Fluoropolymer  
Cable

**-03, -04, -05,  
-07, -10, -15,  
-20, -25, -40, -50**  
(Standard sizes)

**-28**  
= 28 AWG

**-28C**  
= Color  
Coded Cable  
(SFSS only)

**-30**  
= 30 AWG

**-G**  
= 10 μm  
(0.25 μm)  
Gold on  
contact,  
Gold Flash  
on balance

**-"XX.XX"**  
= Assembled  
Length in Inches  
(76.20 mm)  
03.00" min. for  
-S end option  
(82.60 mm)  
03.25" min. for  
-D end option

**-S**  
= Single Ended

**-D**  
= Double Ended

**-SR**  
= Single Ended  
Retention Latch  
(TFM-WT option  
required for mating)

**-DR**  
= Double Ended  
Retention Latch  
(TFM-WT option  
required for mating)

Requires  
-D or -DR  
(End 1 Notch Up)

**-NUS**  
= Notch up,  
straight  
(Pin 1 to Pin N)

**-NDS**  
= Notch down,  
straight  
(Pin 1 to Pin 1)

-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

**SFSS(T)**

**Board Mates:**

TFM, TFC

(-SR & -DR requires  
-WT option)

**SPECIFICATIONS**

**Insulator Material:**

Black LCP

**Contact Material:**

BeCu

**Plating:**

Au over 50 μm (1.27 μm) Ni

**Current Rating:**

2.9 A per pin (2 pins powered)

**Operating Temp Range:**

-10 °C to +80 °C (PVC)

-40 °C to +125 °C

(\*Teflon™ Fluoropolymer)

**Voltage Rating:**

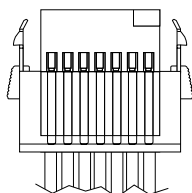
275 VAC (PVC)

235 VAC

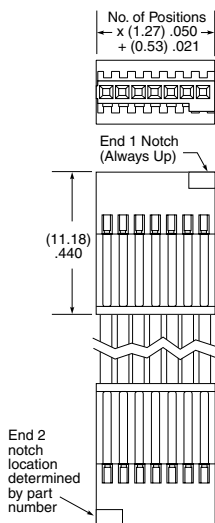
(\*Teflon™ Fluoropolymer)

**Wire:**

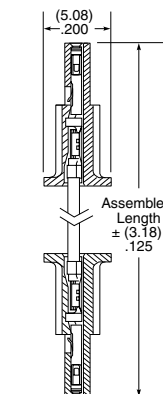
28 or 30 AWG



**-SR**



**-D-NUS**



**SFSS OR SFSST**

\*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?SFSS](http://samtec.com?SFSS) & [samtec.com?SFSST](http://samtec.com?SFSST)

ISDF	POSITIONS PER ROW	ROW OPTION	OPTION	SERIES	WIRE GAUGE	01	PLATING
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**-03, -04, -05,  
-07, -10, -15,  
-20, -25, -40, -50**  
(Standard sizes)

**-S**  
= Single  
Row

**-M**  
= Metal  
Retention  
Latch

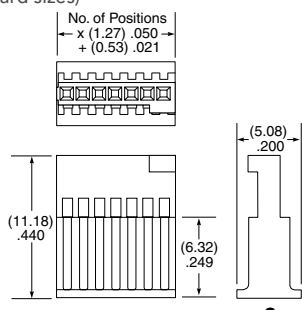
**CC03R**  
= Contact, Full Reel  
(35,000 Parts per Reel)

**-2830**  
= 28 to 30  
AWG

**-GF**  
= Gold flash  
contact

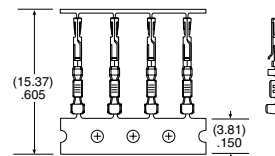
**CC03M**  
= Contact, Mini Reel  
(1,000 - 5,000 Parts  
per Reel)

**-G**  
= 10 μm (0.25 μm)  
Gold on contact



**-S**

**-M**



**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:**  
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)

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View SFSS-10-28-G-10.00-SR on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

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