

## (1.27 mm) .050" PITCH • WIRE TO BOARD ASSEMBLY/COMPONENTS

## **SERIES**

# POSITIONS PER ROW

# WIRE GAUGE

### PLATING OPTION

# ASSEMBLED LENGTH

#### **END** OPTION

# END 2 OPTION

**SFSD** 

= Double Row PVC Cable

**SFSDT** = Double Row Blue \*Teflon™

Fluoropolymer Cable

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

-28 = 28 AWG

-28C = Color Coded Cable (SFSD only)

-30

Gold Flash on tail

= Gold flash on contact and on tail

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

-"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 For -(X) specify "S" for single ended and "D" for double ended.

-(X)R

= Retention Latch (TFM-WT option required for mating)

-(X)S = Screw Down (Not available in -03, -04 & -50 positions) (Mates with TFM-DS option)

Requires -D, -DS, -DR (End 1 Notch Up)

-NUS

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

-NDS

= Notch down, straight (Pin 1 to Pin 2)

-NUX

= Notch up, crossed (Pin 1 to Pin N)

-NDX

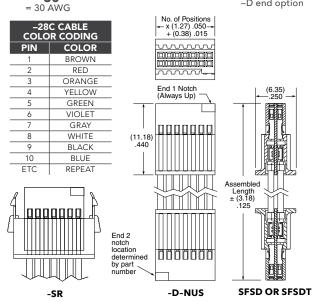
= Notch down, crossed (Pin 1 to Pin 1)

### SFSD(T) **Board Mates:**

TFM, TFML, TFC (-SR & -DR requires -WT option)

#### **SPECIFICATIONS**

Insulator Material: Contact Material: **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: 2.9 A per pin (2 pins powered) Voltage Rating: 275 VAC/389 VDC



View complete specifications at: samtec.com?SFSD & samtec.com?SFSDT

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

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

For wiring option information refer to drawings on web.

### **ISDF**

Wire: 28 or 30 AWG

#### **POSITIONS PER ROW**

#### **ROW** OPTION

## OPTION

## **SERIES**

CC03R

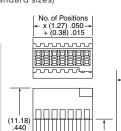
GAUGE

01

**PLATING** 

-03, -04, -05, -07, -10, -15,

20, -25, -40, -50 (Standard sizes)



-D Double Row

-M = Metal Retention Latch

-M

-S = Screw Down

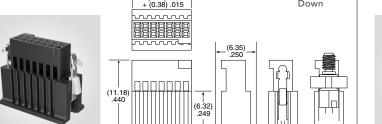
CC03M = Contact, Mini Reel (1,000 - 5,000 Parts per Reel)

-2830 Contact, Full Reel (35,000 Parts per Reel)

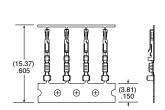
= 28 to 30**AWG** 

-GF Gold flash contact

> -G  $= 10 \mu'' (0.25 \mu m)$ Gold on contact







### **TOOLING**

-S

Hand Tool: CAT-HT-203-2830-12

Clamp for mounting hand tool: CAT-HT-MNT-01

-D

Mini Applicator: CAT-MC-203-2830-XX-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, samtec.com?CC03R & samtec.com?CC03M