

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

## **SERIES**

# POSITIONS PER ROW

WIRE GAUGE

-28

Coded Cable

(SFSD only)

-30

= 30 AWG

### **PLATING** OPTION

# ASSEMBLED LENGTH

### **END** OPTION

# END 2 OPTION

Requires -D, -DS, -DR

(End 1 Notch Up)

-NUS

= Notch up,

**SFSD** 

= Double Row PVC Cable

Blue \*Teflon® Cable

-07, -10, -15, -20, -25, -40, -50 (Standard sizes) **SFSDT** Double Row

-03, -04, -05,

= 28 AWG -28C = Color

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

No. of Positions

- x (1.27) .050→ + (0.38) .015

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End 1 Notch (Always Up)

-"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

(6.35) -.250

**-S** = Single Ended

-D

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

required for mating)

-(X)S

= Screw Down (Not available in -03,

-04 & -50 positions) (Mates with TFM-DS option)

straight (Pin 1 to Pin N-1) -NDS -(X)R= Notch down, = Retention Latch (TFM-WT option

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:**

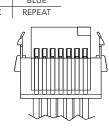
(-SR & -DR requires -WT option)

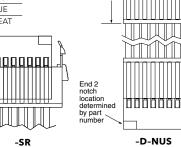
### **SPECIFICATIONS**

Insulator Material: Contact Material: Plating: Au over 50 μ" (1.27 μm) Ni Current Rating: 2.9 A per pin (2 pins powered)

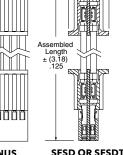
Operating Temp Range: -10 °C to +80 °C (PVC) -40 °C to +125 °C (\*Teflon®) Voltage Rating: 275 VAC (PVC) 235 VAC (\*Teflon®) Wire: 28 or 30 AWG

### -28C CABLE COLOR CODING PIN **COLOR** BROWN RFD 3 ORANGE YELLOW 4 5 GREEN VIOLET 6 GRAY 8 WHITE 9 BLACK 10 BLUE ETC REPEAT





(11.18) .440



SFSD OR SFSDT

\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

**Notes:** Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

For wiring option information refer to drawings on web.

**ISDF** 

### **POSITIONS PER ROW**

-03, -04, -05,

-07, -10, -15,

(Standard sizes)

20, -25, -40, -50

### **ROW** OPTION

-D

= Double

Row

# OPTION

-M

= Metal

Retention

Latch

-S

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

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

**SERIES** 

CC03M

= Contact, Mini Reel (1,000 - 5,000 Parts

-2830 = 28 to 30**AWG** 

**GAUGE** 

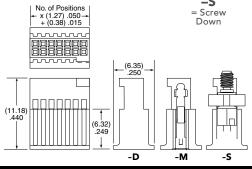
01

**PLATING** 

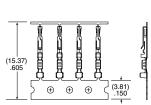
-GF Gold flash contact

-G  $= 10 \mu'' (0.25 \mu m)$ 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:

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

View complete specifications at: samtec.com?ISDF, samtec.com?CC03R & samtec.com?CC03M

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