

(1.27 mm) .050" PITCH • DISCRETE WIRE 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® Cable

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

-28 = 28 AWG

-28C = Color Coded Cable (SFSD only)

-30

= 30 AWG

-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.

-(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)

\*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.

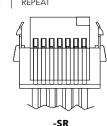
# SFSD(T)

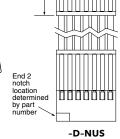
**Board Mates:** (-SR & -DR requires -WT option)

#### **SPECIFICATIONS**

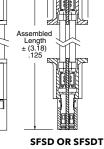
Insulator Material: Contact Material: Plating: Au over 50 μ" (1.27 μm) Ni Current Rating: 2.9 A per pin (2 pins powered) Operating Temp Range: -10 °C to +80 °C (PVC) -40 °C to +125 °C (\*Teflon®) Voltage Rating: 275 VAC (PVC) 235 VAC (\*Teflon®)

-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



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

### **ISDF**

28 or 30 AWG

Wire:

#### **POSITIONS PER ROW**

#### **ROW** OPTION

-D

= Double

Row

## OPTION

## **SERIES**

# **GAUGE**

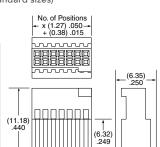






-03, -04, -05, -07, -10, -15,

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



-M = Metal Retention Latch

> -S = Screw Down

CC03R

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

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

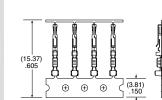


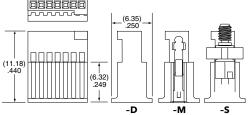
= 28 to 30**AWG** 



-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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