

(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
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	-F = Gold flash on contact and tail -G = 10 μ" (0.25 μm) Gold on contact, Gold flash on tail	-"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)

SFSS(T) Board Mates:
TFM, TFC
(-SR & -DR requires -WT option)

-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

End 1 Notch (Always Up)
(11.18) .440
End 2 notch location determined by part number
Assembled Length ± (3.18) .125

SPECIFICATIONS

Insulator Material:
Black LCP
Contact Material:
BeCu
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
Wire:
28 or 30 AWG

*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 & samtec.com?SFSST

ISDF	POSITIONS PER ROW	ROW OPTION	OPTION	SERIES	WIRE GAUGE	01	PLATING
	-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) CC03M = Contact, Mini Reel (1,000 - 5,000 Parts per Reel)	-2830 = 28 to 30 AWG		-GF = Gold flash contact -G = 10 μ" (0.25 μm) Gold on contact

(11.18) .440
(5.08) .200
(6.32) .249

(15.37) .605
(3.81) .150

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