



(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	-"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 -S for single ended "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, 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

SPECIFICATIONS

Insulator Material: Black LCP
Contact Material: BeCu
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

*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.

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

ISDF	POSITIONS PER ROW	ROW OPTION	OPTION	SERIES	WIRE GAUGE	01	PLATING
	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-D = Double Row	-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)	-2830 = 28 to 30 AWG		-GF = Gold flash contact -G = 10 μ" (0.25 μm) 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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[SFSD-10-28-G-32.00-SR](#) [SFSD-10-28-G-36.00-DR-NDS](#) [SFSD-10-28-G-36.00-DR-NDX](#) [SFSD-10-28-G-36.00-DR-NUS](#) [SFSD-10-28-G-40.00-DR-NDX](#) [SFSD-10-28-G-40.00-DR-NUS](#) [SFSD-10-28-G-40.00-SL](#) [SFSD-10-28-G-40.00-SS](#) [SFSD-10-28-G-47.25-DR-NDX](#) [SFSD-10-28-G-48.00-SS](#) [SFSD-10-28-G-55.00-DS-NDX](#) [SFSD-10-28-G-60.00-DR-NDX](#) [SFSD-10-28-G-60.00-S](#) [SFSD-10-28-G-72.00-DL-NDX](#) [SFSD-10-28-G-72.00-D-NDX](#) [SFSD-10-28-G-72.00-DR-NUS](#) [SFSD-10-28-G-82.60-S](#) [SFSD-10-28-G-99.00-D-NDX](#) [SFSD-10-28-H-03.25-DL-NUX](#) [SFSD-10-28-H-04.25-DR-NDX](#) [SFSD-10-28-H-07.50-DL-NDX](#) [SFSD-10-28-H-09.84-D-NDX](#) [SFSD-10-28-H-40.00-DR-NUS](#) [SFSD-10-30C-F-03.26-DS-NDX](#) [SFSD-10-30C-F-03.26-S](#) [SFSD-10-30C-F-60.00-SR](#) [SFSD-10-30C-F-99.00-SR](#) [SFSD-10-30C-H-19.69-DL-NUS](#) [SFSD-10-30-F-03.94-DR-NDS](#) [SFSD-10-30-G-03.25-DS-NUS](#) [SFSD-10-30-G-03.26-DR-NUS](#) [SFSD-10-30-G-03.26-S](#) [SFSD-10-30-G-03.55-DR-NUS](#) [SFSD-10-30-G-03.94-DS-NUS](#) [SFSD-10-30-G-04.00-SS](#) [SFSD-10-30-G-04.50-S](#) [SFSD-10-30-G-05.00-DS-NUS](#) [SFSD-10-30-G-05.50-DR-NDX](#) [SFSD-10-30-G-06.00-DL-NUX](#) [SFSD-10-30-G-06.00-D-NUX](#) [SFSD-10-30-G-06.00-DS-NDX](#) [SFSD-10-30-G-07.00-SR](#) [SFSD-10-30-G-08.00-D-NDS](#) [SFSD-10-30-G-08.00-D-NUS](#) [SFSD-10-30-G-08.00-D-NUX](#) [SFSD-10-30-G-08.00-DR-NDX](#) [SFSD-10-30-G-08.00-SS](#) [SFSD-10-30-G-10.00-DR-NDX](#) [SFSD-10-30-G-10.00-DS-NDX](#) [SFSD-10-30-G-10.20-DR-NDS](#) [SFSD-10-30-G-10.20-DR-NDX](#) [SFSD-10-30-G-11.81-SR](#) [SFSD-10-30-G-13.00-D-NDX](#) [SFSD-10-30-G-14.00-DR-NUS](#) [SFSD-10-30-G-14.00-DR-NUX](#) [SFSD-10-30-G-14.00-SR](#) [SFSD-10-30-G-15.00-D-NDX](#) [SFSD-10-30-G-15.00-DS-NUS](#) [SFSD-10-30-G-16.00-D-NDS](#) [SFSD-10-30-G-16.00-DR-NUS](#) [SFSD-10-30-G-16.50-DR-NDX](#) [SFSD-10-30-G-18.00-DR-NUS](#) [SFSD-10-30-G-18.00-DR-NUX](#) [SFSD-10-30-G-48.00-S](#) [SFSD-10-30-G-60.00-SR](#) [SFSD-10-30-H-04.99-DR-NDX](#) [SFSD-10-30-H-08.00-D-NDS](#) [SFSD-10-30-H-13.00-DR-NUS](#) [SFSD-10-30-H-15.00-DR-NDX](#) [SFSD-10-30-H-16.00-SR](#) [SFSD-10-30-H-31.50-DR-NUS](#) [SFSD-11-28C-G-08.66-D-NDX](#) [SFSD-11-28-G-06.00-DR-NDX](#) [SFSD-11-28-G-08.00-D-NDX](#) [SFSD-12-28C-G-24.00-D-NDX](#) [SFSD-12-28-G-06.00-DL-NDS](#) [SFSD-12-28-G-12.00-S](#) [SFSD-12-30-G-13.00-SL](#) [SFSD-12-30-G-13.00-SR](#) [SFSD-13-28-G-04.00-D-NUS](#) [SFSD-13-28-G-04.00-SR](#) [SFSD-13-28-G-08.00-SR](#) [SFSD-13-28-G-11.00-D-NDX](#) [SFSD-13-28-G-12.00-S](#) [SFSD-13-28-G-12.05-D-NDX](#) [SFSD-13-28-H-10.00-SR](#) [SFSD-13-30-G-12.00-D-NDX](#) [SFSD-15-28C-F-03.26-S](#) [SFSD-15-28C-F-03.26-SR](#) [SFSD-15-28C-F-08.00-SS](#) [SFSD-15-28C-F-10.00-SL](#) [SFSD-15-28C-F-12.00-S](#) [SFSD-15-28C-F-12.00-SR](#) [SFSD-15-28C-F-20.00-S](#) [SFSD-15-28C-G-03.26-DL-NDS](#) [SFSD-15-28C-G-03.26-SS](#) [SFSD-15-28C-G-03.50-DR-NDX](#) [SFSD-15-28C-G-04.00-S](#) [SFSD-15-28C-G-04.75-DR-NDX](#) [SFSD-15-28C-G-05.00-S](#)