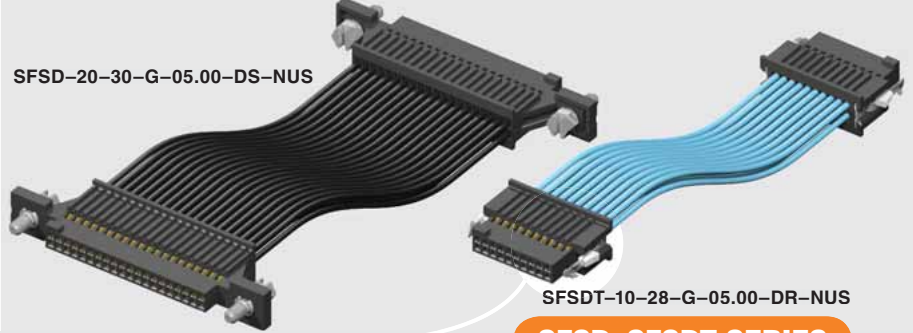




SFSD-20-30-G-05.00-DS-NUS



SFSDT-10-28-G-05.00-DR-NUS

SFSD, SFSDT SERIES

(1.27 mm) .050"

TIGER EYE™ DISCRETE CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?SFSD or www.samtec.com?SFSDT

Insulator Material: Black LCP

Contact Material: BeCu

Plating: Au over 50 μ" (1.27 μm) Ni

Current Rating (SFSD/TFC): 2.9 A per pin (1 pin powered per row)

Operating Temp Range: -10 °C to +80 °C (PVC)
-40 °C to +125 °C (*Teflon®)

Voltage Rating: 275 VAC (PVC)

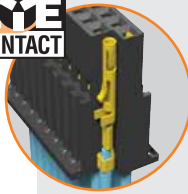
235 VAC (*Teflon®)

Wire: 28 or 30 AWG

RoHS Compliant: Yes

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

Mates with:
TFM, TFC
(-SR & -DR requires
-WT option)



-SR/-DR APPLICATIONS

When Mated to TFM-WT

Terminal/Housing Retention	
Min	(22.25 N) 5.0 lb
Max	(26.52 N) 5.96 lb
Avg	(24.34 N) 5.47 lb

Wire/Crimp Retention	
Min	(20.47 N) 4.6 lb
Max	(36.49 N) 8.2 lb
Avg	(29.95 N) 6.73 lb

Single or Double Ended

Cable plugs also available. See TFSD Series



- Retention latch option
- Screw down option

Retention Latch and Screw Down options

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



APPLICATION

-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

ALSO AVAILABLE (MOQ Required)

- Other sizes
 - Locking feature for mating to the TFML Series
 - Color coded cable (*Teflon® N/A)
 - Other plating options
- Contact Samtec.

Notes:

For wiring option and pin position location information, refer to drawings on web.

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

TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
SFSD = Double Row PVC Cable SFSDT = Double Row *Teflon® Cable	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-30 = 30 AWG -28 = 28 AWG -28C = Color Coded Cable (SFSD only)	-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 -(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) -NUS = Notch up, crossed (Pin 1 to Pin N) -NDX = Notch down, crossed (Pin 1 to Pin 1)

-SR

-D-NUS

SFSD or SFSDT