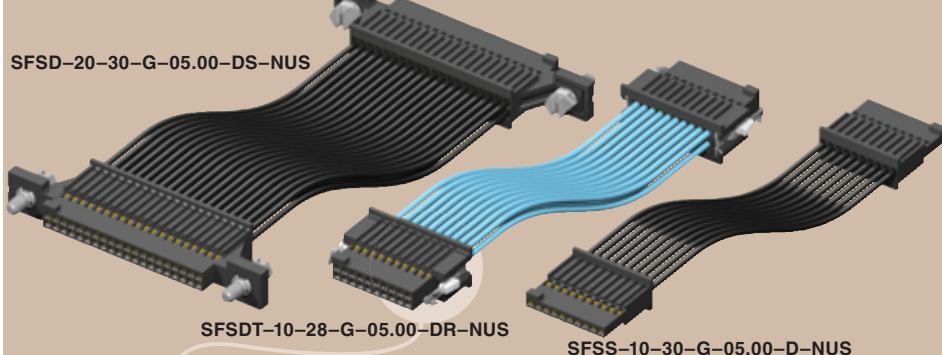




(1,27 mm) .050"

SFSS, SFSST, SFSD, SFSST SERIES

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



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

SFSS-10-30-G-05.00-D-NUS

TIGER EYE™ DISCRETE WIRE CABLES

SPECIFICATIONS

For complete specifications see www.samtec.com?SFSS, www.samtec.com?SFSD, www.samtec.com?SFSST or www.samtec.com?SFSST

Insulator Material:

Black LCP

Contact Material:

BeCu

Plating:

Au over 50µ" (1,27 µm) Ni

Current Rating (SFSD/TFC):

2.9 A per pin

(1 pin powered per row)

Operating Temp Range:

-35°C to +80°C (PVC)

-55°C to +125°C (*Teflon®)

Voltage Rating:

275 VAC (PVC)

235 VAC (*Teflon®)

Wire:

28 or 30 AWG

RoHS Compliant:

Yes

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



Single or
Double
Ended

28 or 30
AWG



- Retention latch option
- Screw down option

(1,27 mm)
.050"
pitch

Retention Latch
and Screw Down
options

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

-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

ALSO AVAILABLE (MOQ Required)

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

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

Note: 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
SFSS = Single Row PVC Cable SFSST = Single Row *Teflon® Cable SFSD = Double Row PVC Cable SFSST = Double Row *Teflon® Cable	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Call Samtec for other sizes)	-30 = 30 AWG -28 = 28 AWG	-G = 10µ" (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 03.25" min. for -D end option	-S = Single Ended -D = Double Ended 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 -50 positions) (Not available with SFSS, SFSST) (Mates with TFM-DS option)	Requires -D, -DS or -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) (SFSD/ SFSST only) -NDX = Notch down, crossed (Pin 1 to Pin 1) (SFSD/ SFSST only)

Due to technical progress, all designs, specifications and components are subject to change without notice.

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