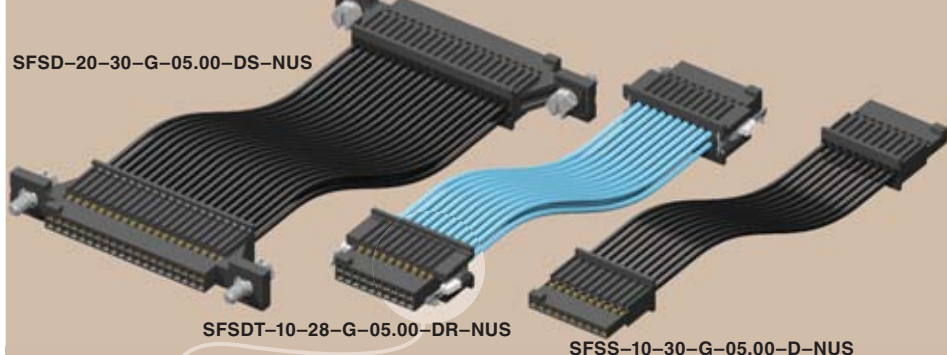


(1,27 mm) .050"

SFSS, SFSST, SFSD, SFSDT 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?SFSDT

Insulator Material: Black LCP
Contact Material: BeCu
Plating: Au over 50µ" (1,27 µm) Ni
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

*Teflon® is a trademark of Dupont.

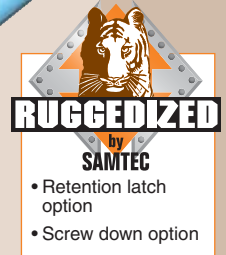
CURRENT RATING (PER CONTACT)	
AMBIENT TEMP	SFSD/TFC
20°C	3.7A
40°C	3.4A
60°C	2.9A
95°C	1.9A
6 POSITIONS (2x3) 28 AWG POWERED	

Mates with: TFM, TFC (-SR & -DR requires -WT option), TFML (-XL end option required)



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

TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
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-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

APPLICATION SPECIFIC OPTION

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

Call 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.

SFSS = Single Row PVC Cable	-05, -07, -10, -15, -20, -25, -30, -35, -40, -45, -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. - (XL) = Friction Lock (-05 & -07 positions not available) (SFSS, SFSST not available with -SL) - (XR) = Retention Latch (TFM -WT option required for mating) - (XS) = Screw Down (-05 thru -40 positions available) (Not available with SFSS, SFSST) (Mates with TFM-DS option)	Requires -D, -DS, -DR or -DL (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/ SFSDT only) -NDX = Notch down, crossed (Pin 1 to Pin 1) (SFSD/ SFSDT only)
SFSST = Single Row *Teflon® Cable						
SFSD = Double Row PVC Cable						
SFSDT = Double Row *Teflon® Cable						

No. of Positions x (1,27) .050 + (0,38) .015
 (1,27) .050
 (2,03) .080
 (6,35) .250
 (11,18) .440
 (5,08) .200
 (0,25) .010
 (1,65) .065
 (2,86) .113
 (1,27) .050
 (6,32) .249
 Assembled Length ± (3,18) .125
 Assembled Length ± (3,18) .125
 End 1 Notch (Always Up)
 End 2 notch location determined by part number
 -SR

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

WWW.SAMTEC.COM

