



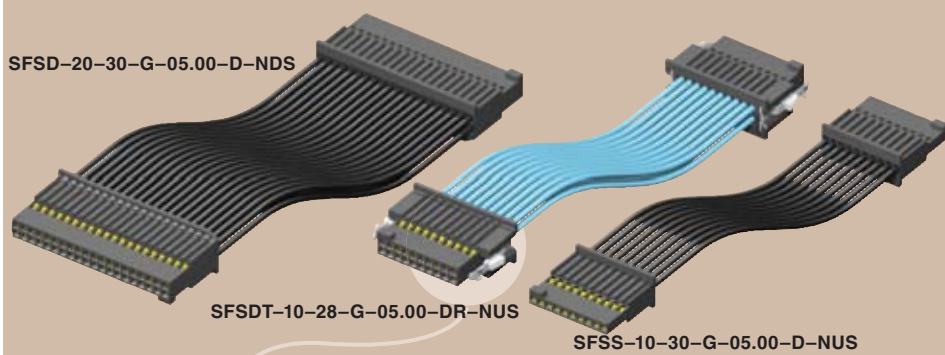
(1,27mm) .050"

SFSS, SFSST, SFSD, SFSDT SERIES

SFSD-20-30-G-05.00-D-NDS

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?SFSST, www.samtec.com?SFSD or www.samtec.com?SFSST

Insulator Material: Black LCP
Contact Material: BeCu
Plating:
 Au over 50µ" (1,27µm) Ni
Operating Temp Range:
 -55°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.

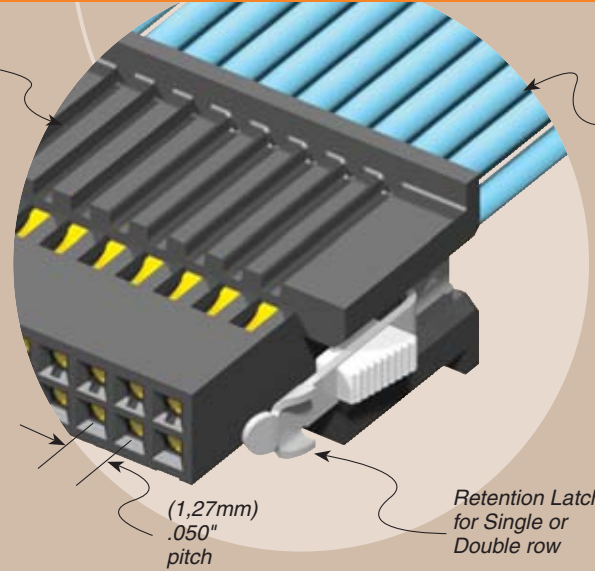
CURRENT RATING	
AMBIENT TEMP	SFSD/TFC
20°C	3.7A
40°C	3.4A
60°C	2.9A
95°C	1.9A
6 POSITIONS (2x3) 28 AWG POWERED	

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



Single or Double Ended

28 or 30 AWG



(1,27mm) .050" pitch

Retention Latch for Single or Double row

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 SFSDT = Double Row *Teflon® 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" (0,25µm) Gold on contact, Gold Flash on balance	-"XX.XX" = Assembled Length in Inches (76,20mm) 03.00" min. for -S end option (82,60mm) 03.25" min. for -D end option	-S = Single Ended -D = Double Ended -SL* = Single Ended with Friction Lock -DL* = Double Ended with Friction Lock -SR = Single Ended with Retention Latch (TFM -WT option required for mating) -DR = Double Ended with Retention Latch (TFM -WT option required for mating) *-05 & -07 positions not available.	Requires -D, -DR or -DL (End 1 Notch Up). -NUS = Notch up, straight -NDS = Notch down, straight -NUX = Notch up, crossed (SFSD/SFSST only) -NDX = Notch down, crossed (SFSD/SFSST only)

SFSD: Assembled Length ±(3,18) .125, End 1 Notch (Always Up), End 2 notch location determined by part number.
 -D-NUS: End 1 Notch (Always Up), End 2 notch location determined by part number.
 SFSS: Assembled Length ±(3,18) .125.
 -SR: Assembled Length ±(3,18) .125.

-SR/-DR APPLICATIONS

When Mated to TFM-WT

Terminal/Housing Retention	
Min	(22,25N) 5.0 lb
Max	(26,52N) 5.96 lb
Avg	(24,34N) 5.47 lb

Wire/Crimp Retention	
Min	(20,47N) 4.6 lb
Max	(36,49N) 8.2 lb
Avg	(29,95N) 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.

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

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