



(1,27mm) .050"

SFSS, SFSST, SFSD, SFSDT SERIES

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

SFSST-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" (1,27µm) 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

Retention latch option

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



Retention latch option

Single or Double Ended

28 or 30 AWG

(1,27mm) .050" pitch

Retention Latch for Single or Double row

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	

-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.

*Teflon® is a trademark of Dupont.

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 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)	Requires -D, -DR or -DL (End No. 1 Notch Up). -NUS = Notch up, straight -NDS = Notch down, straight -NUX = Notch up, crossed (SFSD/SFSDT only) -NDX = Notch down, crossed (SFSD/SFSDT only)

Dimensions shown in drawings: (6,35) .250, (1,27) .050, (2,03) .080, (5,08) .200, (11,18) .440, (1,27) .050, (6,32) .249, (0,25) .010, (1,65) .065, (2,86) .113, (3,18) .125, (2,86) .113

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

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