

SFSS, SFSST, SFSD, SFSDT SERIES

(1,27 mm) .050"

TIGER EYE™ DISCRETE CABLE ASSEMBLY

SPECIFICATIONS

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

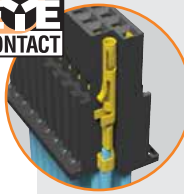
(1 pin powered per row)
Operating Temp Range: -10°C to +80°C (PVC)
-40°C to +125°C (*Teflon®)

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

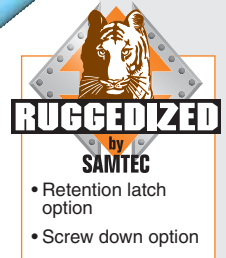
Terminal/Housing Retention	
Min	(22,25 N) 5.0 lb
Max	(26,52 N) 5.96 lb
Avg	(24,34 N) 5.47 lb

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 TFSS Series

28 or 30 AWG



- 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
SFSS = Single Row PVC Cable SFSST = Single Row *Teflon® Cable 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 (SFSS, SFSD only)	-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 (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 -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/SFSDT only) -NDX = Notch down, crossed (Pin 1 to Pin 1) (SFSD/SFSDT only)