

(1.27 mm) .050"

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

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

SFSD, SFSDT SERIES

# TIGER EYE™ DISCRETE CABLE ASSEMBLY

## SPECIFICATIONS

### Insulator Material:

Black LCP

### Contact Material:

BeCu

### Plating:

Au over 50 μ" (1.27 μm) Ni

### Current Rating (SFSD/TFC):

2.9 A per pin

### 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

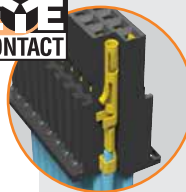
\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

### Mates with:

TFM, TFC

(-SR &amp; -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 TFSD Series

## RUGGEDIZED BY SAMTEC

- Retention latch option
- Screw down option

Retention Latch and Screw Down options

## RECOGNITIONS



FILE NO. E111594

## 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

**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 (SFSD only)

**-G**  
= 10 μ" (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 -03, -04 & -50 positions) (Mates with TFM-DS option)

Requires -D, -DS, -DR (End 1 Notch Up)

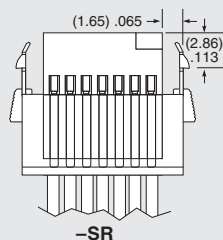
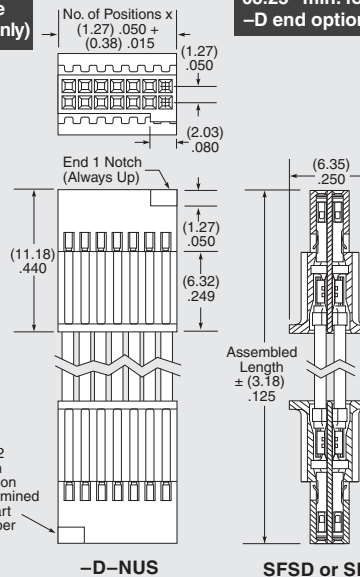
**-NUS**  
= Notch up, straight (Pin 1 to Pin N-1)

**-NDS**  
= Notch down, straight (Pin 1 to Pin 2)

**-NUS**  
= Notch up, crossed (Pin 1 to Pin N)

**-NDX**  
= Notch down, crossed (Pin 1 to Pin 1)

**Note:**  
Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applicators.



-D-NUS

SFSD or SFSDT

## 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.