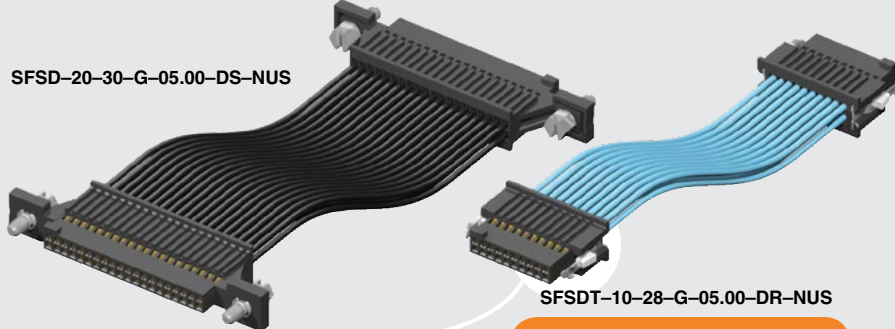


SFSD-20-30-G-05.00-DS-NUS



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

SFSD, SFSDT SERIES

(1.27 mm) .050"

TIGER EYE™ DISCRETE CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?SFSD or www.samtec.com?SFSDT

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

(2 pins powered)

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

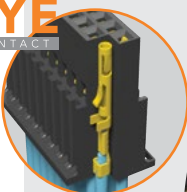
*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

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

ALSO AVAILABLE (MOQ Required)

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

Single or double ended

Retention latch and screw down options

28 or 30 AWG

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

COMPONENTS

- For body, see www.samtec.com?ISDF
- For contacts, see www.samtec.com?CC03R
www.samtec.com?CC03M

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

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
<p>SFSD = Double Row PVC Cable</p> <p>SFSDT = Double Row *Teflon® Cable</p>	<p>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)</p>	<p>-28 = 28 AWG</p> <p>-28C = Color Coded Cable (SFSD only)</p> <p>-30 = 30 AWG</p>	<p>-G = 10 μ" (0.25 μm) Gold on contact, Gold Flash on balance</p>	<p>"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</p>	<p>-S = Single Ended</p> <p>-D = Double Ended</p> <p>For -(X) specify "S" for single ended and "D" for double ended.</p> <p>-(X)R = Retention Latch (TFM -WT option required for mating)</p> <p>-(X)S = Screw Down (Not available in -03, -04 & -50 positions) (Mates with TFM-DS option)</p>	<p>Requires -D, -DS, -DR (End 1 Notch Up)</p> <p>-NUS = Notch up, straight (Pin 1 to Pin N-1)</p> <p>-NDS = Notch down, straight (Pin 1 to Pin 2)</p> <p>-NUS = Notch up, crossed (Pin 1 to Pin N)</p> <p>-NDX = Notch down, crossed (Pin 1 to Pin 1)</p>

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

End 1 Notch (Always Up)

End 2 notch location determined by part number

-SR

-D-NUS

SFSD or SFSDT

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

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[ERF8-020-05.0-S-DV-K-TR](#) [IDMD-10-T-12.00-A-G-R](#) [IPL1-112-01-L-D-K](#) [SFM-107-02-S-D-LC](#) [SFML-115-01-S-D](#) [SFML-125-01-S-D](#)
[LSHM-120-02.5-L-DV-A-N-K-TR](#) [ESQ-110-14-G-D](#) [ESQT-125-03-F-D-310](#) [ESQT-133-03-F-D-350](#) [SO-0515-01-01-02](#) [SQW-120-01-F-D-](#)
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[QTH-090-04-L-D-A](#) [TCSD-10-S-05.00-01-F-N](#) [TFM-110-02-S-D](#) [TFM-115-02-L-DH](#) [TFM-120-12-S-D-LC](#) [TFML-140-02-S-D](#) [TLW-107-](#)
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