



(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?SFSST

Insulator Material: Black LCP

Contact Material: BeCu

Plating:

Au over 50µ" (1,27µm) Ni

Operating Temp Range:

-35°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.

Mates with:
TFM, TFC (-SR & -DR requires -WT option), TFML (-XL end option required)



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.

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.

TYPE STRIP

SFSS
= Single Row
PVC Cable

SFSST
= Single Row
*Teflon® Cable

SFSD
= Double Row
PVC Cable

SFSDT
= Double Row
*Teflon® Cable

POSITIONS PER ROW

-05,
-07, -10,
-15, -20,
-25, -30,
-35, -40,
-45, -50
(Call Samtec for other sizes)

WIRE GAUGE

-30
= 30 AWG
-28
= 28 AWG

PLATING OPTION

-G
= 10µ" (0,25µm)
Gold on contact,
Gold Flash on balance

ASSEMBLED LENGTH

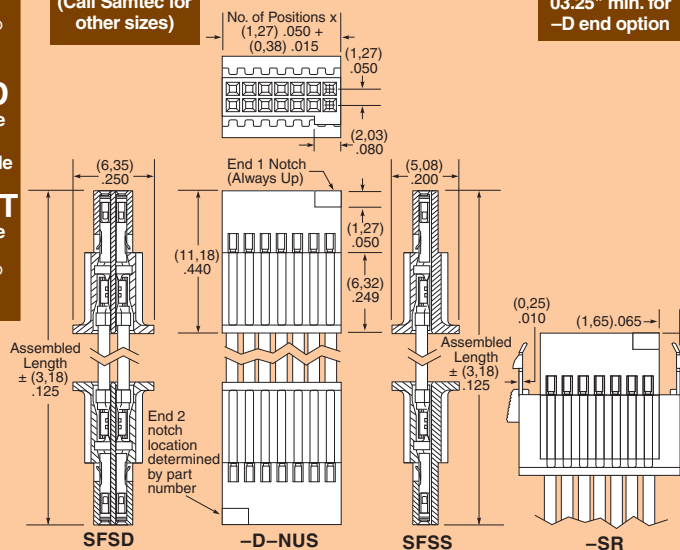
-“XX.XX”
= Assembled Length in Inches (76,20mm)
03.00" min. for -S end option
(82,60mm)
03.25" min. for -D end option

END OPTION

-S
= Single Ended
-D
= Double Ended
Specify "S" for single ended and "D" for double ended.
- (X) L
= Friction Lock (-05 & -07 positions not available) (SFSS, SFSST not available with -SL)
- (X) R
= Retention Latch (TFM -WT option required for mating)
- (X) S
= Screw Down (Not available with SFSS, SFSST) (Mates with TFM-SD option)

END 2 OPTION

Requires -D, -DS, -DR or -DL (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/ SFSST only)
-NDX
= Notch down, crossed (Pin 1 to Pin 1) (SFSD/ SFSST only)



SFSD

-D-NUS

SFSS

-SR

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766
SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683