

(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:

-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

*Teflon® is a trademark of Dupont.

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.

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
-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)

*-05 & -07 positions not available.

END 2 OPTION

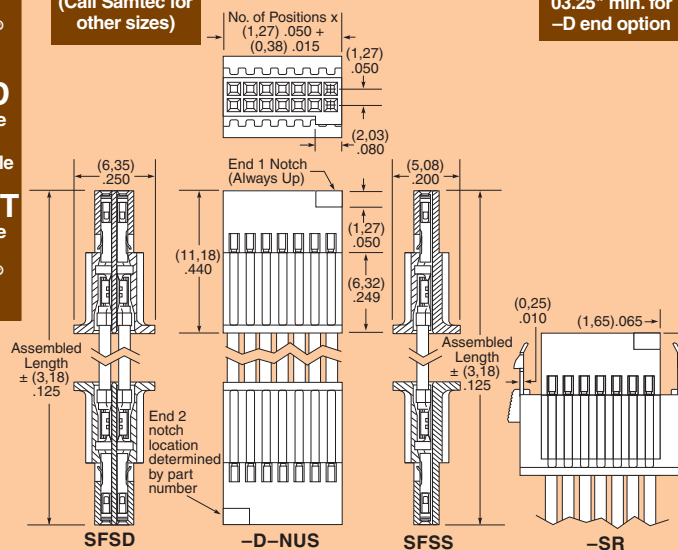
Requires -D, -DR or -DL (End 1 Notch Up).

-NUS
= Notch up, straight

-NDS
= Notch down, straight

-NUX
= Notch up, crossed (SFSD/SFSDT only)

-NDX
= Notch down, crossed (SFSD/SFSDT only)



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

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