

(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](http://www.samtec.com?SFSS), [www.samtec.com?SFSD](http://www.samtec.com?SFSD), [www.samtec.com?SFSST](http://www.samtec.com?SFSST) or [www.samtec.com?SFSST](http://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

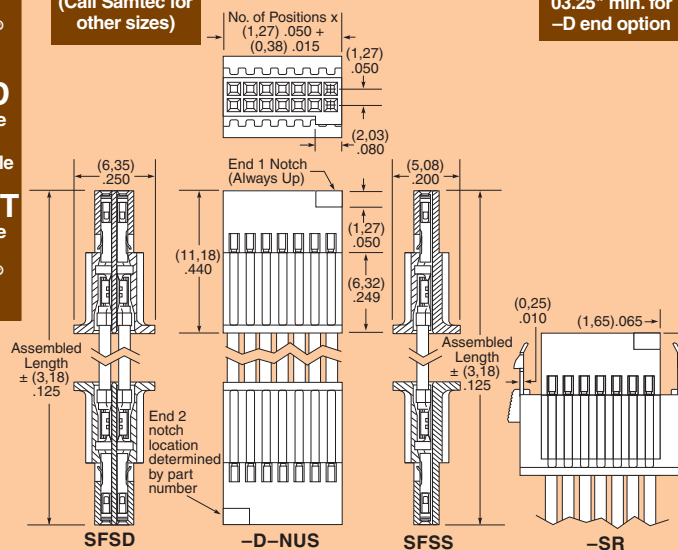
Requires -D, -DR or -DL (End 1 Notch Up).

-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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