

(1.27 mm) .050"

SFSS, SFSST SERIES

TIGER EYE™ DISCRETE CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?SFSS or www.samtec.com?SFSST

Insulator Material:

Black LCP

Contact Material:

BeCu

Plating:

Au over 50 μ" (1.27 μm) Ni

Operating Temp Range:

-10 °C to +80 °C (PVC)

-40 °C to +125 °C (*Teflon®)

Current Rating:

2.9 A per pin (2 pins powered)

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

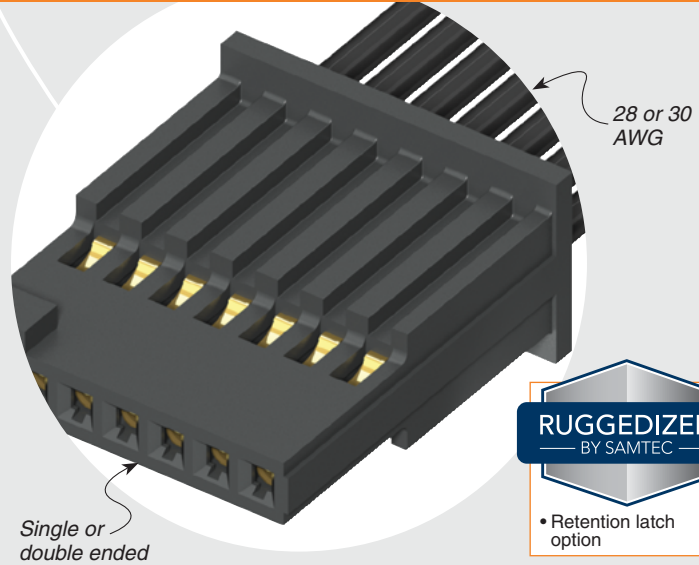
-WT option)

-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



RUGGEDIZED
BY SAMTEC

• Retention latch option

RECOGNITIONS

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



COMPONENTS

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

APPLICATION

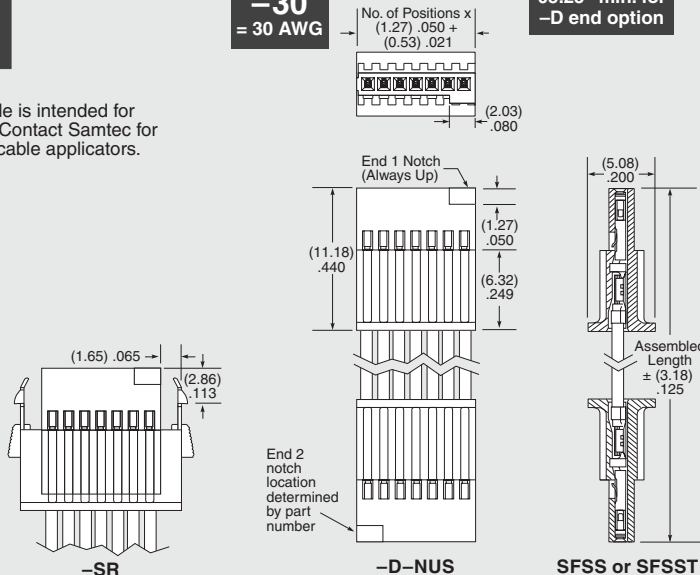
-28C CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	VIOLET
7	GRAY
8	WHITE
9	BLACK
10	BLUE
ETC	REPEAT

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
SFSS = Single Row PVC Cable	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-28 = 28 AWG -28C = Color Coded Cable (SFSS only) -30 = 30 AWG	-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 -SR = Single Ended Retention Latch (TFM -WT option required for mating) -DR = Double Ended Retention Latch (TFM -WT option required for mating)	Requires -D or -DR (End 1 Notch Up) -NUS = Notch up, straight (Pin 1 to Pin N) -NDS = Notch down, straight (Pin 1 to Pin 1)

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



ALSO AVAILABLE (MOQ Required)

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

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