



(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 50µ" (1.27 µm) Ni

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

Single or Double Ended

28 or 30 AWG

RUGGEDIZED
BY SAMTEC

Retention latch option

RECOGNITIONS

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



FILE NO. E111594

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

TYPE STRIP

SFSS
= Single Row PVC Cable

SFSST
= Single Row *Teflon® Cable

POSITIONS PER ROW

-03, -04,
-05, -07,
-10, -15,
-20, -25,
-40, -50
(Standard sizes)

WIRE GAUGE

-30
= 30 AWG
-28
= 28 AWG
-28C
= Color Coded Cable (SFSS only)

PLATING OPTION

-G
= 10µ" (0.25 µm) Gold on contact, Gold Flash on balance

ASSEMBLED LENGTH

"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

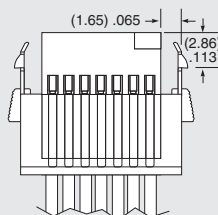
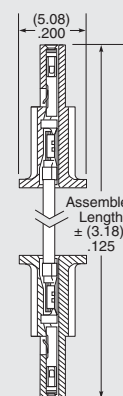
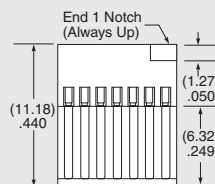
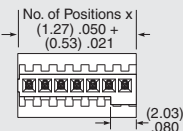
END OPTION

-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)

END 2 OPTION

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.



-SR

-D-NUS

SFSS or SFSST

ALSO AVAILABLE (MOQ Required)

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

Notes:

For wiring option and pin position location information, refer to drawings on web.

Some lengths, styles and options are non-standard, non-returnable.