

SFSST-15-28-G-03.25-DR-NUS

SFSS, SFSST SERIES

(1.27 mm) .050"

# TIGER EYE™ DISCRETE CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SFSS](http://www.samtec.com?SFSS) or [www.samtec.com?SFSST](http://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®)

### 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](http://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

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

## PLATING OPTION

-G  
= 10 μ" (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

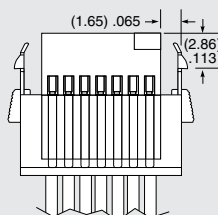
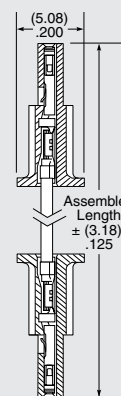
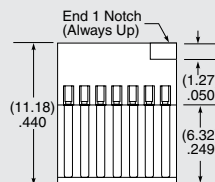
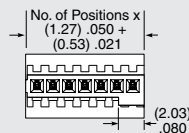
## END OPTION

-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.