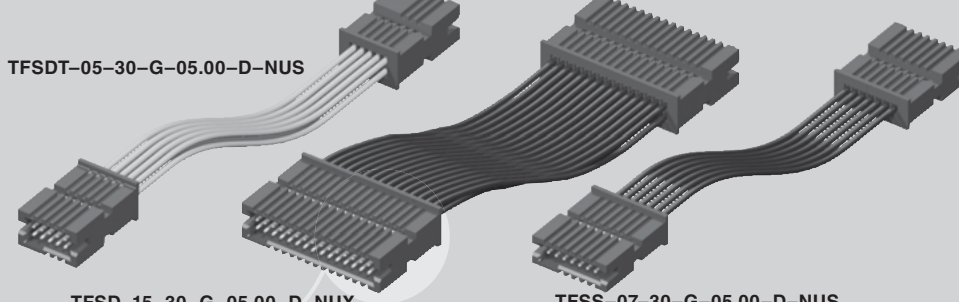




TFSDT-05-30-G-05.00-D-NUS



TFSD-15-30-G-05.00-D-NUS

TFSS-07-30-G-05.00-D-NUS

(1,27 mm) .050"

TFSS, TFSST, TFSD, TFSDT SERIES

# TIGER EYE™ DISCRETE CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TFSS](http://www.samtec.com?TFSS), [www.samtec.com?TFSD](http://www.samtec.com?TFSD), [www.samtec.com?TFSDT](http://www.samtec.com?TFSDT), or [www.samtec.com?TFSST](http://www.samtec.com?TFSST)

**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®)

**Wire:**

28 or 30 AWG

**RoHS Compliant:**

Yes

**Mates with:**

SFM, SFC (-TR requires

TFM-WT option),

SFML (-XL end option

required)



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
<b>TFSS</b> = Single Row PVC Cable	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-30 = 30 AWG  -28 = 28 AWG	-G = 10µ" (0,25 µm) Gold on contact	"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  -T = Transfer End Terminal on End 1 Socket on End 2 (See chart for End 2 option)  -TF* = Transfer End with Friction Lock  -TR = Transfer End with Retention Latch (TFM -WT option required for mating)	Requires -D, -TF or -TR (End 1 Notch Down).  -NUS = Notch up, straight (Pin 1 to Pin 2)  -NDS = Notch down, straight (Pin 1 to Pin N-1)  -NUS = Notch up, crossed (Pin 1 to Pin 1) (TFSD/TFSDT only)  -NDS = Notch down, crossed (Pin 1 to Pin N) (TFSD/TFSDT only)
<b>TFSST</b> = Single Row *Teflon® Cable						
<b>TFSD</b> = Double Row PVC Cable						
<b>TFSDT</b> = Double Row *Teflon® Cable						

END 2	END OPTION
T-NUS	Pin 1 to Pin N
T-NDS	Pin 1 to Pin 1
T-NUS	Pin 1 and Pin N-1
T-NDX	Pin 1 to Pin 2

Technical drawings showing dimensions and end options for TFSD, TFSS, and TFSDT cable assemblies. Dimensions include: No. of Positions x (1,27) .050 ± (2,54) .100; (6,10) .240; (14,26) .562; (4,83) .190; (6,05) .238; Assembled Length ± (3,18) .125. End options shown include End 1 Notch (Always Down) and End 2 Notch (NUS, NDS, NDX).

## ALSO AVAILABLE (MOQ Required)

- Color coded cable (\*Teflon® N/A)
  - Other plating options
- Contact Samtec.

\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

**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.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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[TFSS-05-28-G-13.00-T-NDS](#)