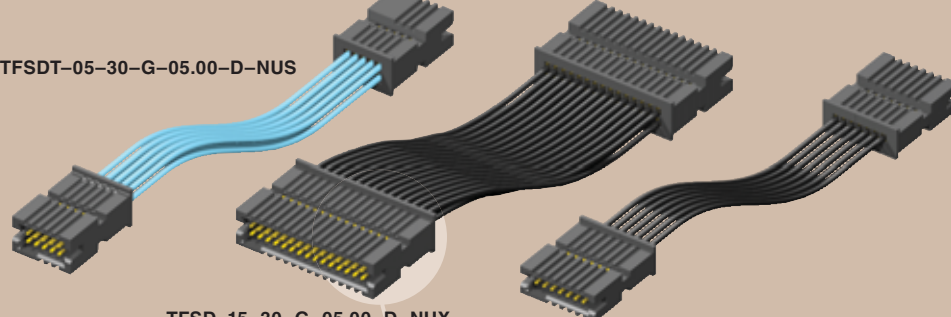


(1,27mm) .050"

TFSS, TFSST, TFSD, TFSDT SERIES

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



TFSD-15-30-G-05.00-D-NUX

TFSS-07-28-G-05.00-D-NUS

# TIGER EYE™ DISCRETE WIRE CABLES

## 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" (1,27µm) Ni

**Operating Temp Range:**

-55°C to +80°C (PVC)

-55°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)

Single or  
 Double  
 Ended

28 or 30  
 AWG

(1,27mm)  
 .050"  
 pitch

Optional  
 Friction Lock  
 available



## APPLICATION SPECIFIC OPTION

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

TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
<b>TFSS</b> = Single Row PVC Cable  <b>TFSST</b> = Single Row *Teflon® Cable  <b>TFSD</b> = Double Row PVC Cable  <b>TFSDT</b> = Double Row *Teflon® Cable	-05, -07, -10, -15, -20, -25, -30, -35, -40, -45, -50 (Call Samtec for other sizes)	-30 = 30 AWG  -28 = 28 AWG	-G = 10µ" (0,25µm) Gold on contact	-"XX.XX" = Assembled Length in Inches (76,20mm) 03.00" min. for -S end option (82,60mm) 03.25" min. for -D end option	-S = Single Ended  -SL* = Single Ended with Friction Lock  -D = Double Ended  -DL* = Double Ended with Friction Lock  -T = Transfer End Terminal on End 1 Socket on End 2  -TL* = Transfer End with Friction Lock  -TR = Transfer End with Retention Latch (TFM -WT option required for mating)	Requires -D, -DL, -T, -TL or -TR (End No. 1 Notch Up).  -NUS = Notch up, straight  -NDS = Notch down, straight  -NUX = Notch up, crossed (TFSD/ TFSDT only)  -NDX = Notch down, crossed (TFSD/ TFSDT only)

No. of Positions x (1,27) .050 + (2,54) .100  
 (1,27) .050  
 (6,10) .240  
 (14,26) .562  
 (4,83) .190  
 (6,05) .238  
 Assembled Length ± (3,18) .125  
 Assembled Length ± (3,18) .125  
 Notch End 1  
 Notch End 2 (NUS)  
 Notch End 2 (NDX)  
 Notch End 2 (NUS)  
 Notch End 2 (NDX)  
 Notch End 2 (NUS)  
 Notch End 2 (NDX)

\*Teflon® is a trademark of Dupont.

**Note:** For wiring option information refer to drawing 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.

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