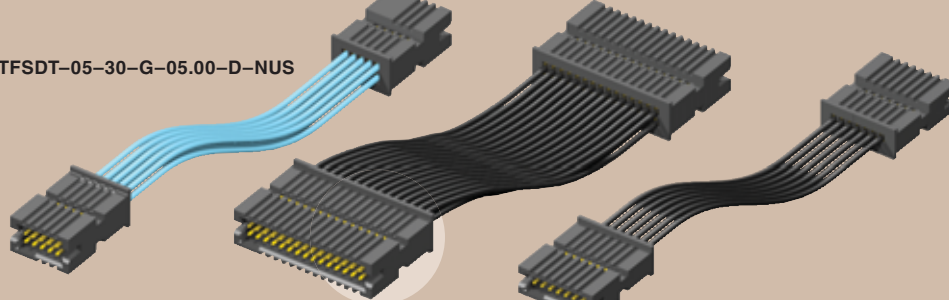




(1,27mm) .050"

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



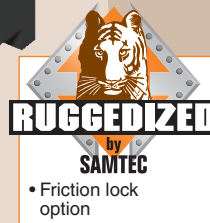
**Mates with:**  
 SFM, SFC (-TR requires  
 TFM-WT option),  
 SFML (-XL end option  
 required)

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

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