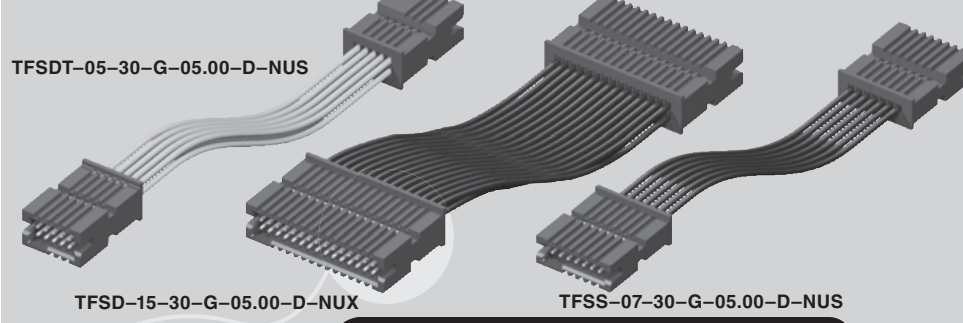
samtec

TIGER EYE™ DISCRETE




**(1,27 mm) .050"**

**TFSS, TFSST, TFSD, TFSDT SERIES**

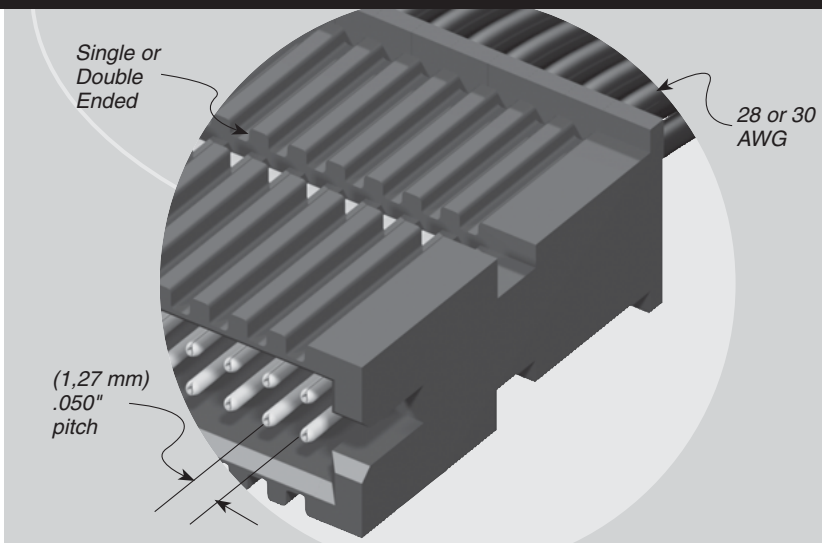
# TIGER EYE™ DISCRETE CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications see www.samtec.com?TFSS, www.samtec.com?TFSD, www.samtec.com?TFSDT, or 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

FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Color coded cable (*Teflon® N/A)
- Other plating options

Contact Samtec.

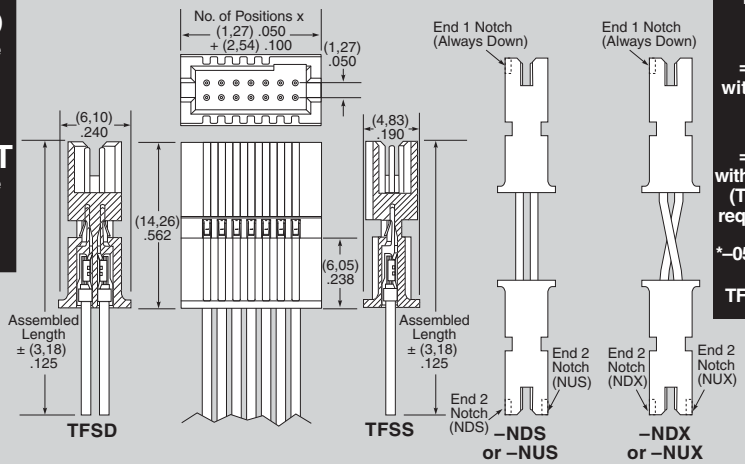
*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

**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.

| TYPE STRIP | POSITIONS PER ROW | WIRE GAUGE | PLATING OPTION | ASSEMBLED LENGTH | END OPTION | END 2 OPTION |
|---|---|---|---|---|---|---|
| **TFSS** = Single Row PVC Cable<br>**TFSST** = Single Row *Teflon® Cable<br>**TFSD** = Double Row PVC Cable<br>**TFSDT** = Double Row *Teflon® Cable | –03, –04, –05, –07, –10, –15, –20, –25, –40, –50 (Standard sizes) | –30 = 30 AWG<br>–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<br>–D = Double Ended<br>–T = Transfer End Terminal on End 1 Socket on End 2 (See chart for End 2 option)<br>–TF* = Transfer End with Friction Lock<br>–TR = Transfer End with Retention Latch (TFM –WT option required for mating)<br>*–05 & –07 positions not available. TFSD, TFSDT only | Requires –D, –TF or –TR (End 1 Notch Down).<br>–NUS = Notch up, straight (Pin 1 to Pin 2)<br>–NDS = Notch down, straight (Pin 1 to Pin N-1)<br>–NUX = Notch up, crossed (Pin 1 to Pin 1) (TFSD/ TFSDT only)<br>–NDX = Notch down, crossed (Pin 1 to Pin N) (TFSD/ TFSDT only) |

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




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