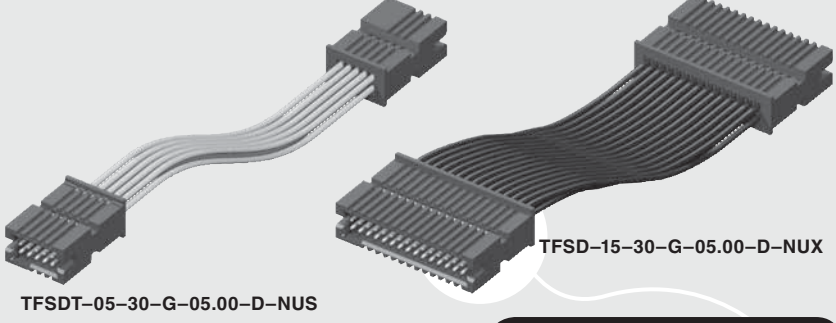
samtec

TIGER™ EYE DISCRETE




(1.27 mm) .050"

TFSD, TFSDT SERIES

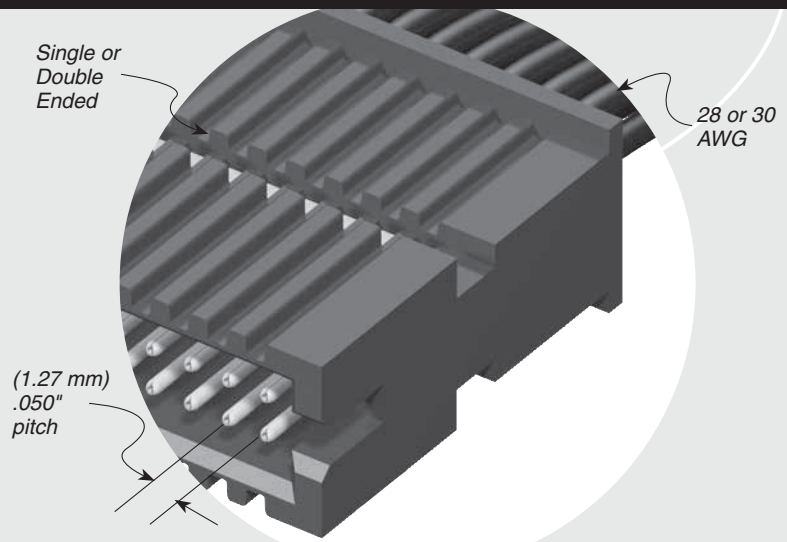
# TIGER EYE™ DISCRETE CABLE ASSEMBLY

## SPECIFICATIONS

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

**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®)
**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

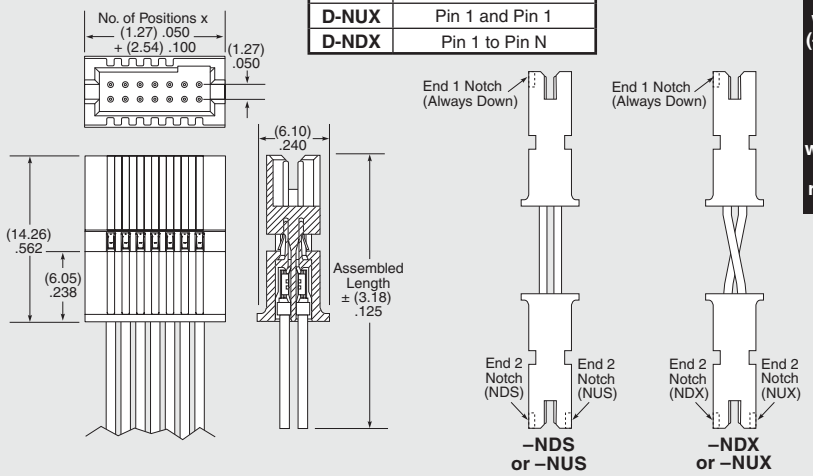
## ALSO AVAILABLE (MOQ Required)

- Color coded cable (*Teflon® not available)
- Other plating options

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

| TYPE STRIP | POSITIONS PER ROW | WIRE GAUGE | PLATING OPTION | ASSEMBLED LENGTH | END OPTION | END 2 OPTION |
|---|---|---|---|---|---|---|
| **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 = 10 µ" (0.25 µm) Gold on contact | –"XX.XX" = Assembled Length in Inches (76.20 mm) 03.00" min. for –S end option<br>(82.60 mm) 03.25" min. for –D, –T, –TF, & –TR end option | –S = Single Ended<br>–D = Double Ended<br>–T = Transfer End Terminal on End 1 Socket on End 2<br>–TF = Transfer End with Friction Lock (–05 & –07 positions not available.)<br>–TR = Transfer End with Retention Latch (TFM –WT option required for mating) | Requires –D, –TF or –TR (End 1 Notch Down).<br>–NUS = Notch up, straight<br>–NDS = Notch down, straight<br>–NUX = Notch up, crossed<br>–NDX = Notch down, crossed |

| OPTION | PIN CONFIGURATION |
|---|---|
| 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 |
| D-NUS | Pin 1 to Pin 2 |
| D-NDS | Pin 1 and Pin N-1 |
| D-NUX | Pin 1 and Pin 1 |
| D-NDX | Pin 1 to Pin N |




**Notes:**
For wiring option and pin position location information, refer to drawings on web.

Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

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.*



*All parts within this catalog are built to Samtec's specifications.*
*Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.*