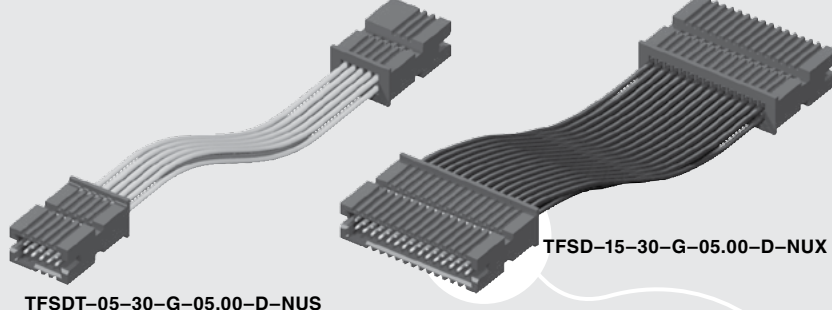


(1.27 mm) .050"

**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)

Single or
Double
Ended28 or 30
AWG(1.27 mm)
.050"
pitch

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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.

TYPE STRIP
TFSD
= Double Row PVC Cable

TFSDT
= Double Row *Teflon® Cable

POSITIONS PER ROW
-03, -04, -05, -07, -10, -15, -20, -25, -40, -50
(Standard sizes)

WIRE GAUGE
-30
= 30 AWG
-28
= 28 AWG

PLATING OPTION
-G
= 10 μ" (0.25 μm) Gold on contact

ASSEMBLED LENGTH
-“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

END OPTION
-S
= Single Ended
-D
= Double Ended

-T
= Transfer End Terminal on End 1 Socket on End 2

-TF
= Transfer End with Friction Lock (-05 & -07 positions not available.)

-TR
= Transfer End with Retention Latch (TFM -WT option required for mating)

END 2 OPTION
-NUS
= Notch up, straight
-NDS
= Notch down, straight

-NUS
= Notch up, straight
-NDS
= Notch down, straight

-NUS
= Notch up, straight
-NDS
= Notch down, straight

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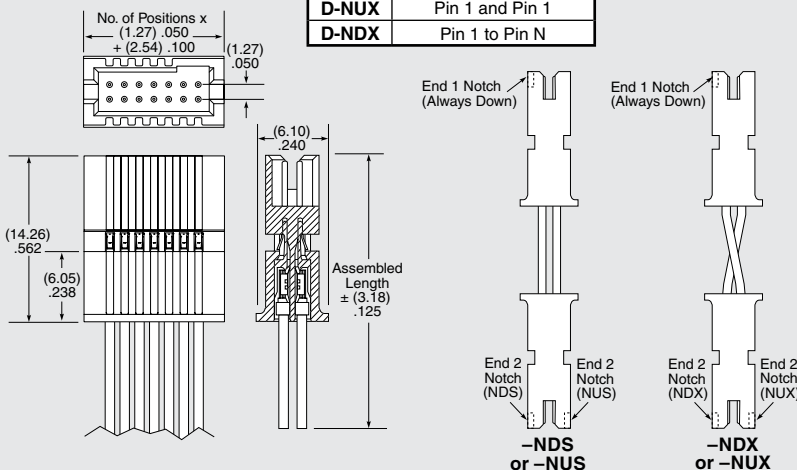
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| OPTION | PIN CONFIGURATION |
|--------|-------------------|
| T-NUS | Pin 1 to Pin N |
| T-NDS | Pin 1 to Pin 1 |
| T-NUS | Pin 1 and Pin N-1 |
| T-NDX | Pin 1 to Pin 2 |
| D-NUS | Pin 1 to Pin 2 |
| D-NDS | Pin 1 and Pin N-1 |
| D-NUS | Pin 1 and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