

(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
Ended

28 or 30
AWG

(1.27 mm)
.050"
pitch

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

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, -T, -TF, & -TR 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

Requires -D, -TF or -TR (End 1 Notch Down).
-NUS
= Notch up, straight
-NDS
= Notch down, straight
-NUX
= Notch up, crossed
-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.

WWW.SAMTEC.COM

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.