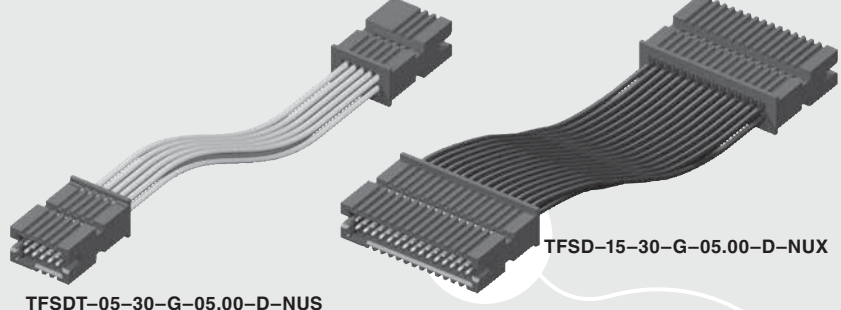


(1.27 mm) .050"

**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



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

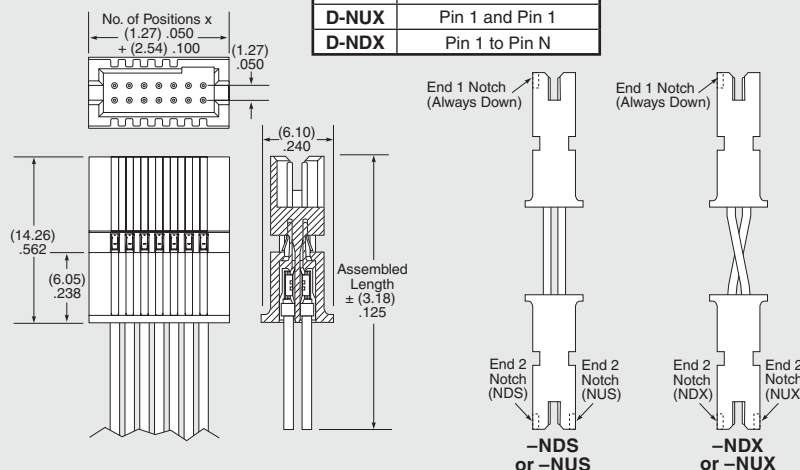
END OPTION

-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.