samtec

TIGER™ EYE DISCRETE

(1.27 mm) .050"

TFSDT–05–30–G–05.00–D–NUS

TFSD–15–30–G–05.00–D–NUX

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)
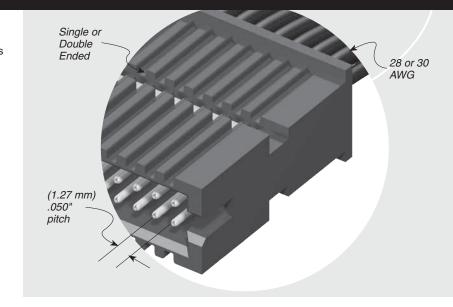-40 °C to +125 °C (*Teflon®)
Wire:
28 or 30 AWG
RoHS Compliant:
Yes

RECOGNITIONS

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

UL
FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

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

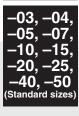*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

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

TYPE STRIP	-	POSITIONS PER ROW	-	WIRE GAUGE	-	PLATING OPTION	-	ASSEMBLED LENGTH	-	END OPTION	-	END 2 OPTION

TFSD
= Double Row PVC Cable

TFSDT
= Double Row *Teflon® Cable

–03, –04, –05, –07, –10, –15, –20, –25, –40, –50
(Standard sizes)

–30
= 30 AWG

–28
= 28 AWG

–G
= 10 µ" (0.25 µm) Gold on contact

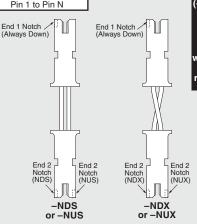| OPTION	PIN CONFIGURATION
T-NUS	Pin 1 to Pin N
T-NDS	Pin 1 to Pin 1
T-NUX	Pin 1 and Pin N-1
T-NDX	Pin 1 to Pin 2
D-NUS	Pin 1 to Pin 2
D-NDS	Pin 1 and Pin N-1
D-NUX	Pin 1 and Pin 1
D-NDX	Pin 1 to Pin N

–"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

–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)

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

No. of Positions x (1.27) .050 + (2.54) .100

(1.27) .050

(6.10) .240

(14.26) .562

(6.05) .238

Assembled Length ± (3.18) .125

End 1 Notch (Always Down)

End 1 Notch (Always Down)

End 2 Notch (NDS)

End 2 Notch (NUS)

End 2 Notch (NDX)

End 2 Notch (NUX)

–NDS or –NUS

–NDX or –NUX

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.