

samtec



(1,27 mm) .050"

TFSDT-05-30-G-05.00-D-NUS

TFSD-15-30-G-05.00-D-NUS

TFSS-07-30-G-05.00-D-NUS

TFSS, TFSST, TFSD, TFSDT SERIES

TIGER EYE™ DISCRETE CABLE ASSEMBLY

SPECIFICATIONS

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

Insulator Material:

Black LCP

Contact Material:

BeCu

Plating:

Au over 50µ" (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

TYPE STRIP

TFSS

= Single Row
PVC
Cable

TFSST

= Single Row
*Teflon®
Cable

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
= 10µ"
(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
(See chart for
End 2 option)

-TF*
= Transfer End
with Friction Lock

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

*-05 & -07 positions
not available.
TFSD, TFSDT only

END 2 OPTION

Requires
-D, -TF
or -TR
(End 1 Notch
Down).

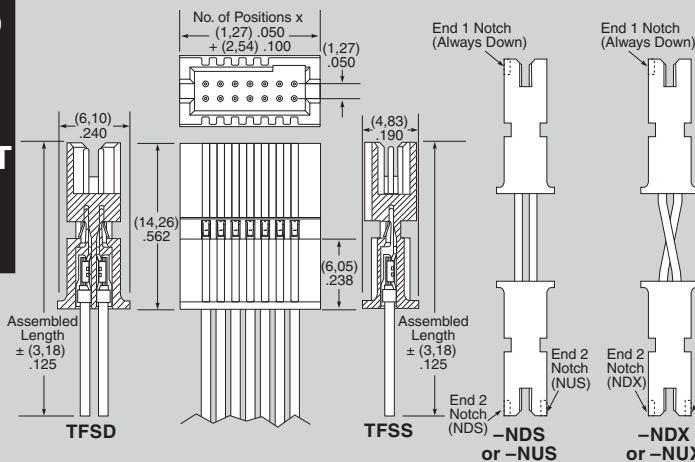
-NUS
= Notch up,
straight
(Pin 1 to
Pin 2)

-NDS
= Notch down,
straight
(Pin 1 to
Pin N-1)

-NUS
= Notch up,
crossed
(Pin 1 to
Pin 1)
(TFSD/
TFSDT only)

-NDX
= Notch down,
crossed
(Pin 1 to
Pin N)
(TFSD/
TFSDT only)

END 2	END OPTION
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



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.

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

Note: 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.

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