

(1,27mm) .050"

TFSS, TFSST, TFSD, TFSDT SERIES

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

TFSD-15-30-G-05.00-D-NUX

TFSS-07-28-G-05.00-D-NUS

TIGER EYE™ DISCRETE WIRE CABLES

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" (1,27µm) Ni

Operating Temp Range:

-55°C to +80°C (PVC)

-55°C to +125°C (*Teflon®)

Wire:

28 or 30 AWG

RoHS Compliant:

Yes

*Teflon® is a trademark of Dupont.

Mates with:
 SFM, SFC (-TR requires TFM-WT option),
 SFML (-XL end option required)



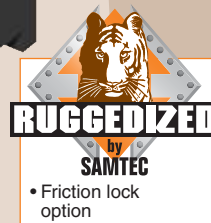
FILE NO. E111594

Single or
Double
Ended

28 or 30
AWG

(1,27mm)
.050"
pitch

Optional
Friction Lock
available



APPLICATION SPECIFIC OPTION

- Color coded cable available (*Teflon® N/A)
 - Other plating options available
- Call Samtec.

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

-05,
-07, -10,
-15, -20,
-25, -30,
-35, -40,
-45, -50
(Call Samtec for other sizes)

WIRE GAUGE

-30
= 30 AWG
-28
= 28 AWG

PLATING OPTION

-G
= 10µ" (0,25µm)
Gold on contact

ASSEMBLED LENGTH

-“XX.XX”
= Assembled Length in Inches (76,20mm)
03.00" min. for -S end option
03.25" min. for -D end option

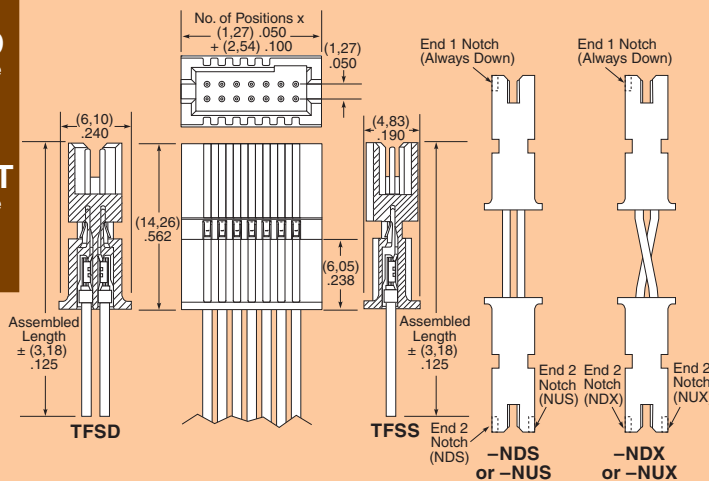
END OPTION

-S
= Single Ended
-SL*
= Single Ended with Friction Lock
-D
= Double Ended
-DL*
= Double Ended with Friction Lock
-T
= Transfer End Terminal on End 1 Socket on End 2
-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, -DL, -T, -TL or -TR (End 1 Notch Down).
-NUS
= Notch up, straight
-NDS
= Notch down, straight
-NUX
= Notch up, crossed (TFSD/TFSDT only)
-NDX
= Notch down, crossed (TFSD/TFSDT only)



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.

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
 SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-61103766
 SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683