



(1,27 mm) .050"

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

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

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: _____

Operating Temp Range:

Operating Temp Range:
10°C to +80°C (PVC)

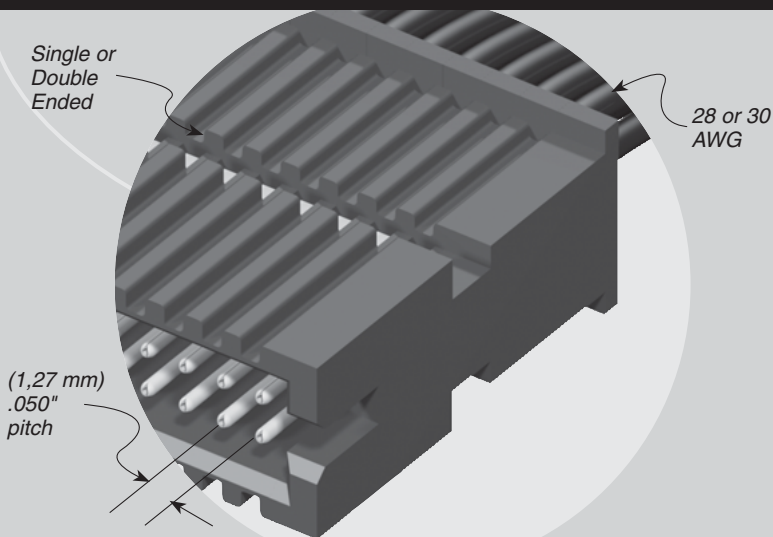
-10°C
-40°C

Wire:

28 or 30 AWG

RoH

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



RECOGNITIONS

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



TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
TFSS = Single Row PVC Cable	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-30 = 30 AWG -28 = 28 AWG	-G = 10μ" (0,25 μm) Gold on contact	-"XX.XX" = Assembled Length in Inches (76,20 mm) 03.00" min. for -S end option 03.25" min. for -D 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)	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) -NUX = Notch up, crossed (Pin 1 to Pin 1) (TFSD/TFSDT only) -NDX = Notch down, crossed (Pin 1 to Pin N) (TFSD/TFSDT only)
TFSST = Single Row *Teflon® Cable						
TFSD = Double Row PVC Cable					-TF* = Transfer End with Friction Lock -TR = Transfer End with Retention Latch (TFM -WT option required for mating) * -05 & -07 positions not available. TFSD, TFSST only	
TFSDT = Double Row *Teflon® Cable						

Technical drawings illustrating the dimensions and configurations for TFSD, TFSS, and TFSST cable assemblies. The drawings show cross-sections and side views with dimensions in inches and millimeters.

TFSD Dimensions:

- Top width: 6.10 (155.48 mm)
- Top thickness: .240 (6.10 mm)
- Bottom width: 14.26 (361.88 mm)
- Bottom thickness: .562 (14.26 mm)
- Side thickness: 6.05 (153.97 mm)
- Side thickness: .238 (6.05 mm)
- Side thickness: 4.83 (122.77 mm)
- Side thickness: 190 (4827.60 mm)
- Assembled Length: 3.18 ± .125 (80.80 ± 3.18 mm)

TFSS Dimensions:

- Top width: 1.27 (32.27 mm)
- Top thickness: .050 (1.27 mm)
- Bottom width: 2.54 (64.52 mm)
- Bottom thickness: .100 (2.54 mm)
- Side thickness: 1.27 (32.27 mm)
- Side thickness: .050 (1.27 mm)

TFSST Dimensions:

- Top width: 1.27 (32.27 mm)
- Top thickness: .050 (1.27 mm)
- Bottom width: 2.54 (64.52 mm)
- Bottom thickness: .100 (2.54 mm)
- Side thickness: 1.27 (32.27 mm)
- Side thickness: .050 (1.27 mm)

End Options:

- End 1 Notch (Always Down)
- End 2 Notch (NUS)
- End 2 Notch (NDX)
- End 2 Notch (NUX)

Due to technical progress, all designs, specifications and components are subject to change without notice.

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