



**TIGER
EYE™**
DISCRETE

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

TSDF-10-D-S

T1M44-M-2830-01-G

(1.27 mm) .050"

TFSD, TFSDT, TSDF, T1M44-R, T1M44-M SERIES

DISCRETE WIRE COMPONENTS & TOOLING

Mates with:

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

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 μ m) Ni

Operating Temp Range:

-10 °C to +80 °C (PVC)

-40 °C to +125 °C

(*Teflon™ Fluoropolymer)

Current Rating:

2.9 A per pin

(2 pins powered)

Voltage Rating:

275 VAC/389 VDC

Wire:

28 or 30 AWG

RoHS Compliant:

Yes

*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

RECOGNITIONS

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



FILE NO. E111594

TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
TFSD = Double Row PVC Cable TFSDT = Double Row Blue *Teflon™ Fluoropolymer Cable	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-30 = 30 AWG -28 = 28 AWG	-G = 10 μ " (0.25 μ m) Gold on contact	"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 -NUS = Notch up, crossed -NDX = Notch down, crossed

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

*Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

Some lengths, styles and options are non-standard, non-returnable.

SPECIFICATIONS

For complete specifications see www.samtec.com?TSDF, www.samtec.com?T1M44-R or www.samtec.com?T1M44-M

Insulator Material:

Black LCP

Contact Material:

BeCu

TOOLING

- Hand Tool:
CAT-HT-144-2830-12
- Mini Applicator
CAT-MC-144-2830-XX-01
- Extraction Tool:
CAT-EX-169-01

Note:

Some sizes, styles and options are non-standard, non-returnable.

TYPE	POSITIONS PER ROW	ROW OPTION	S	TYPE	WIRE GAUGE	01	PLATING
TSDF = Housing	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-D = Double Row		T1M44-R = Terminal, Full Reel (35,000 parts per Reel) T1M44-M = Terminal, Mini Reel (5,000 parts per Reel)	-2830 = 28 to 30 AWG		-G = 10 μ " (0.25 μ m) Gold on contact

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Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.