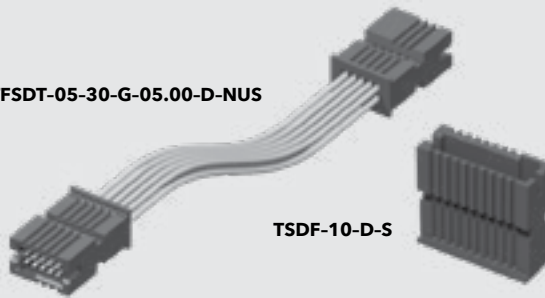


TFSDT-05-30-G-05.00-D-NUS



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](http://www.samtec.com?TFSD) or [www.samtec.com?TFSDT](http://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™ Fluoropolymer)  
**Wire:** 28 or 30 AWG  
**RoHS Compliant:** Yes

**RECOGNITIONS**

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**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.

TYPE STRIP	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
<b>TFSD</b> = Double Row PVC Cable	<b>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50</b> (Standard sizes)	<b>-30</b> = 30 AWG <b>-28</b> = 28 AWG	<b>-G</b> = 10 μ" (0.25 μm) Gold on contact	<b>"XX.XX"</b> = 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	<b>-S</b> = Single Ended <b>-D</b> = Double Ended <b>-T</b> = Transfer End Terminal on End 1 Socket on End 2 <b>-TF</b> = Transfer End with Friction Lock (-05 & -07 positions not available.) <b>-TR</b> = Transfer End with Retention Latch (TFM -WT option required for mating)	Requires -D, -TF or -TR (End 1 Notch Down). <b>-NUS</b> = Notch up, straight <b>-NDS</b> = Notch down, straight <b>-NUX</b> = Notch up, crossed <b>-NDX</b> = Notch down, crossed

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

**SPECIFICATIONS**

For complete specifications see [www.samtec.com?TSDF](http://www.samtec.com?TSDF), [www.samtec.com?T1M44-R](http://www.samtec.com?T1M44-R) or [www.samtec.com?T1M44-M](http://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
<b>TSDF</b> = Housing	<b>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50</b> (Standard sizes)	<b>-D</b> = Double Row		<b>T1M44-R</b> = Terminal, Full Reel (35,000 parts per Reel) <b>T1M44-M</b> = Terminal, Mini Reel (5,000 parts per Reel)	<b>-2830</b> = 28 to 30 AWG		<b>-G</b> = 10 μ" (0.25 μm) Gold on contact