



**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

WIRE TO BOARD 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

TFSD
= Double Row
PVC Cable

TFSDT
= Double Row
Blue
*Teflon™
Fluoro-
polymer
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
= 10 μ "
(0.25 μ m)
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, -T, -TF, &
-TR end option

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)

END 2 OPTION

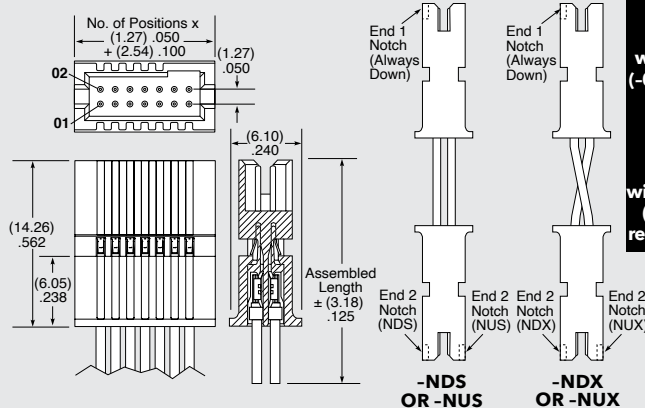
Requires
-D, -TF
or -TR
(End 1
Notch
Down).
-NUS
= Notch up,
straight
-NDS
= Notch
down,
straight
-NUS
= Notch up,
crossed
-NDX
= Notch
down,
crossed

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

TSDF
= Housing

POSITIONS PER ROW

**-03, -04,
-05, -07,
-10, -15,
-20, -25,
-40, -50**
(Standard sizes)

ROW OPTION

-D
= Double Row

S

TYPE

T1M44-R
= Terminal,
Full Reel
(35,000 parts
per Reel)

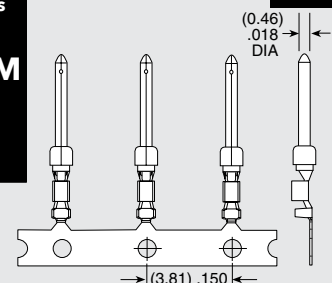
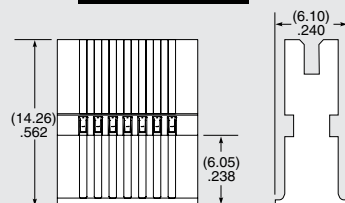
T1M44-M
= Terminal,
Mini Reel
(5,000 parts
per Reel)

WIRE GAUGE

-2830
= 28 to 30 AWG

PLATING

-G
= 10 μ "
(0.25 μ m)
Gold on
contact



WWW.SAMTEC.COM

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.