

TFSDT-05-30-H-05.00-D-NUS

TFSD-15-30-H-05.00-D-NUX

TFSS-07-28-H-05.00-S-NUS

# HEADER CABLE ASSEMBLY

## TFSS, TFSD SERIES

### SPECIFICATIONS

For complete specifications see [www.samtec.com?TFSS](http://www.samtec.com?TFSS)  
[www.samtec.com?TFSD](http://www.samtec.com?TFSD),  
[www.samtec.com?TFSDT](http://www.samtec.com?TFSDT), or  
[www.samtec.com?TFSST](http://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



Mates with:  
SFM, SFC

Single or  
Doubled  
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 available
- Call Samtec.

| TYPE STRIP                                                                                                                                                                                                                                                                                                                                         | POSITIONS PER ROW                                                           | WIRE GAUGE                             | PLATING OPTION                           | ASSEMBLED LENGTH                                                                                                     | END OPTION                                                                                                                                                                                                                                                                                                                                                      | END 2 OPTION                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TFSS</b><br>= Single Row PVC Cable<br><br><b>TFSST</b><br>= Single Row *Teflon® Cable<br><br><b>TFSD</b><br>= Double Row PVC Cable<br><br><b>TFSDT</b><br>= Double Row *Teflon® Cable                                                                                                                                                           | -05,<br>-07, -10,<br>-15, -20,<br>-25, -30<br>(Call Samtec for other sizes) | -30<br>= 30 AWG<br><br>-28<br>= 28 AWG | -H<br>= 30µ" (0,76µm)<br>Gold on contact | -"XX.XX"<br>= Assembled Length in Inches (76,20mm)<br>03.00" min. for -S end option<br>03.25" min. for -D end option | -S<br>= Single Ended<br><br>-SL*<br>= Single Ended with Friction Lock<br><br>-D<br>= Double Ended<br><br>-DL*<br>= Double Ended with Friction Lock<br><br>-T<br>= Transferred End Terminal on End 1 Socket on End 2<br><br>-TL*<br>= Transferred End with Friction Lock<br><br>*-10, -15, -25, -30 positions only. Call Samtec for other sizes TFSD, TFSDT only | Requires -D, -DL, -T or -TL (End No. 1 Notch Up).<br><br>-NUS<br>= Notch up, straight<br><br>-NDS<br>= Notch down, straight<br><br>-NUX<br>= Notch up, crossed (TFSD/TFSDT only)<br><br>-NDX<br>= Notch down, crossed (TFSD/TFSDT only) |
| <p>Technical drawings showing cross-sections and dimensions for TFSD, TFSS, and NUX/NDX cable assemblies. Dimensions include: No. of Positions x (1,27) .050 + (2,54) .100; (6,10) .240; (14,26) .562; (4,83) .190; (6,05) .238; Assembled Length ± (3,18) .125; Notch End 1; Notch End 2 (NUS); Notch End 2 (NDX); Notch End 2 (NUS or -NDS).</p> |                                                                             |                                        |                                          |                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                         |

\*Teflon® is a trademark of Dupont.

**Note:** For wiring option information refer to drawing 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