samtec

TIGER™ EYE SYSTEM

(2.00 mm) .0787" PITCH • DISCRETE WIRE CABLE ASSEMBLY

SERIES	–	PINS PER ROW	–	WIRE GAUGE	–	PLATING OPTION	–	ASSEMBLED LENGTH	–	END OPTIONS	–	END 2 OPTIONS

SERIES

T2SD
= Double Row PVC Cable

T2SDT
= Double Row Blue *Teflon™ Fluoropolymer Cable (24, 28, 30 AWG only)

T2SD(T)
Board Mates:
T2M (Requires –T or –TR), S2M

PINS PER ROW

–05, –07, –10, –15, –20, –25, –30
(Standard sizes)

WIRE GAUGE

–24

–24C
= Color Coded Cable (T2SD only)

–26

–28

–30

PLATING OPTION

–L
= 10 µ" (0.25 µm) Gold on contact

ASSEMBLED LENGTH

–"XX.XX"
= Wire Length in Inches
–S = (76.3 mm) 03.00" min.
–D = (82.55 mm) 03.25" min.

END OPTIONS

–S
= Single End

–D
= Double End

–T
= Transfer End (Socket on end 2)

–TR
= Transfer End with Retention Latch on Socket

END 2 OPTIONS

(Only available with –D, –T & –TR) (See Chart for pin configuration)

–NUS
= Notch up, straight

–NDS
= Notch down, straight

–NUX
= Notch up, crossed

–NDX
= Notch down, crossed
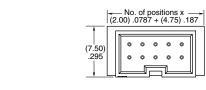
SPECIFICATIONS

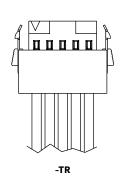**Insulator Material:**
Black LCP
Terminal Material:
Phosphor Bronze
Plating:
Au over 50 µ" (1.27 µm) Ni
Wire:
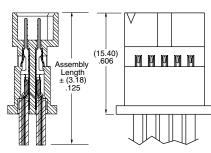24, 26, 28 or 30 AWG
Current Rating (T2SD/S2M):
2.6 A per pin
(2 pins powered)
Operating Temp Range:
-10 °C to +105 °C (PVC)
-40 °C to +125 °C
(*Teflon™ Fluoropolymer)
Voltage Rating:
350 VAC

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

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

For wiring option information refer to drawings on web.

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

No. of positions x (2.00) .0787 + (4.75) .187

(7.50) .295

(15.40) .606

Assembly Length ± (3.18) .125

–TR   **–D-NUS**

END 1 OPTION	PIN CONFIGURATION			
	END 2 –NUS	END 2 –NDS	END 2 –NUX	END 2 –NDX
–D	Pin 1 to Pin N-1	Pin 1 to Pin 2	Pin 1 to Pin N	Pin 1 to Pin 1
–T &–TR	Pin 1 to Pin 1	Pin 1 to Pin N	Pin 1 to Pin 2	Pin 1 to Pin N-1

–24C CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	VIOLET
7	GRAY
8	WHITE
9	BLACK
10	BLUE
ETC	REPEAT

View complete specifications at: **samtec.com?T2SD** & **samtec.com?T2SDT**

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.   S-61