

(2.00 mm) .0787"

T2SDT-05-24-L-03.00-TR-NUX

T2SD-05-28-L-03.25-S

**T2SD, T2SDT SERIES**

# TIGER EYE™ CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?T2SD](http://www.samtec.com?T2SD) or [www.samtec.com?T2SDT](http://www.samtec.com?T2SDT)

### 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®)

### Voltage Rating:

350 VAC

### RoHS Compliant:

Yes

### Mates with:

T2M (Requires -T or -TR),  
S2M
**RUGGEDIZED**  
BY SAMTEC

- Transfer end
- Retention latches

Single or  
Double endedTransfer option  
availableUp to 30 positions  
per row

(2.00 mm) .0787" Pitch

## RECOGNITIONS

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



## APPLICATION

### -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

\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

### Notes:

For wiring option information refer to drawing on web.

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

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
<b>T2SD</b> = Double Row PVC Cable	-05, -07, -10, -15, -20, -25, -30 (Standard sizes)	-24 -24C = Color Coded Cable (T2SD only)	-L = 10 μ" (0.25 μm) Gold on contact	"XX.XX" = Wire Length in Inches -S = (76.3 mm) 03.00" min. -D = (82.55 mm) 03.25" min.	-S = Single End -D = Double End -T = Transfer End (Socket on end 2) -TR = Transfer End with Retention Latch on Socket	(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

-TR

-D-NUS

Assembly Length ± (3.18) .125

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

PIN CONFIGURATION				
END1 OPTION	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

Due to technical progress, all designs, specifications and components are subject to change without notice.

**WWW.SAMTEC.COM**

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.