

(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 or 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



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
T2SD = 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

(2.11) .083 → (2.64) .104

Assembly Length ± (3.18) .125

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

(7.50) .295 (7.00) .276 (2.00) .0787

(1.30) .051

(15.40) .606

-TR

-D-NUS

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.