

**TIGER
EYE**
DISCRETE

(2.00 mm) .0787"

S2SD-10-24-L-05.00-DS

S2SD-30-24-L-05.00-S

S2SD, S2SDT SERIES

TIGER EYE™ CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications see www.samtec.com?S2SD or www.samtec.com?S2SDT

Insulator Material:

Black LCP

Contact Material:

BeCu

Plating:

Au over 50 μ" (1.27 μm) Ni

Wire:

24, 26, 28 or 30 AWG

Operating Temp Range:

-10 °C to +105 °C (PVC)

-40 °C to +125 °C (*Teflon®)

Current Rating

(S2SD-24/T2M):

3.8 A per pin

(2 pins powered)

Voltage Rating:

250 VAC

RoHS Compliant:

Yes

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

Mates with:

T2M

**TIGER
EYE**
CONTACT

Choice of
PVC or
Teflon®
cable

24, 26, 28
or 30 Wire
gauge

Optional
screw down

RUGGEDIZED
BY SAMTEC

- Tiger Eye™ contacts
- Retention latches

COMPONENTS

- For body, see www.samtec.com?ISD2
- For contacts, see www.samtec.com?CC81L or www.samtec.com?CC81R

ALSO AVAILABLE (MOQ Required)

- Other sizes

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

Notes:

For wiring option information refer to drawing on web.

Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.

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
S2SD = Double Row PVC Cable	-05, -07, -10, -15, -20, -25, -30 (Standard sizes)	-24 -24C = Color Coded Cable (S2SD only)	-L = 10 μ" (0.25 μm) Gold on contact	- "XX.XX" = Wire Length in Inches (69.85 mm) 02.75" min.	-S = Single End -D = Double End	(Only available with -D, -DR & -DS) -NUS = Notch up, straight (Pin 1 to Pin N-1) -NDS = Notch down, straight (Pin 1 to Pin 2) -NUX = Notch up, crossed (Pin 1 to Pin N) -NDX = Notch down, crossed (Pin 1 to Pin 1)
S2SDT = Double Row *Teflon® Cable (24, 28, 30 Gauge only)					Specify "S" for single ended and "D" for double ended. - (X)R = Retention Latch (-SR mates with T2M-WT) - (X)S = Screw Down (10 positions minimum) (mates with T2M-DS)	

Technical drawings showing dimensions for S2SD and S2SDT cable assemblies. Dimensions include pin pitch (2.00 mm), wire gauge, and assembly length. Configurations shown include -SR (Screw Down) and -D-NUS (Double End, Notch Up).

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.