

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 I CP

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 +125 °C (DWG)

-10 °C to +105 °C (PVC)
40 °C to +125 °C (*Teflon®)

Current Rating

**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

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
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:

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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 S2SDT = Double Row *Teflon® Cable (24, 28, 30 Gauge only)	-05, -07, -10, -15, -20, -25, -30 (Standard sizes)	-24 -24C = Color Coded Cable (S2SD only) -26 -28 -30	-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 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)	(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)

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.