samtec

TIGER™ EYE DISCRETE

(2.00 mm) .0787"

S2SD, S2SDT SERIES

TIGER EYE™ CABLE ASSEMBLY

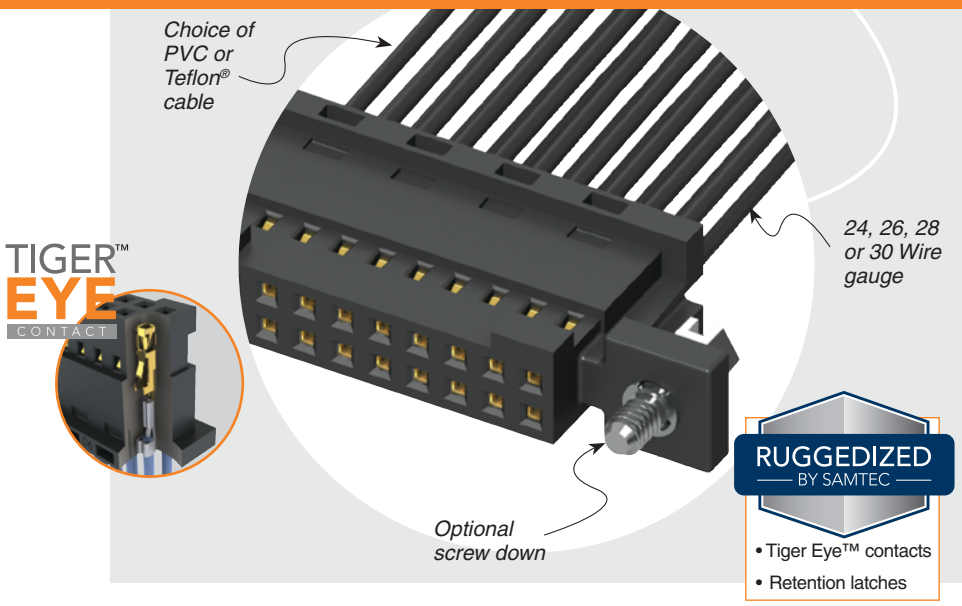
SPECIFICATIONS

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



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

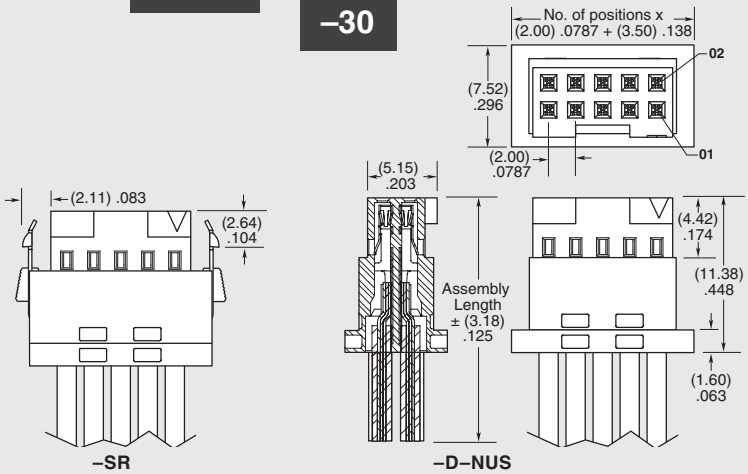
–24C CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	VIOLET
7	GRAY
8	WHITE
9	BLACK
10	BLUE
ETC	REPEAT

Notes:
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)



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.