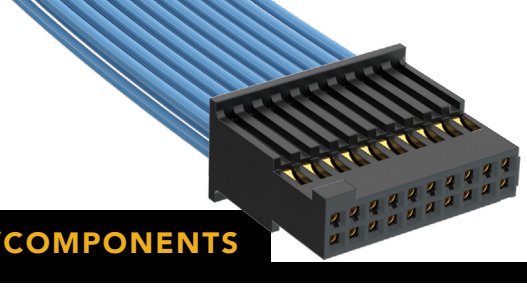
TIGER™ EYE SYSTEM

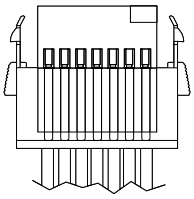


(1.27 mm) .050" PITCH • WIRE TO BOARD ASSEMBLY/COMPONENTS

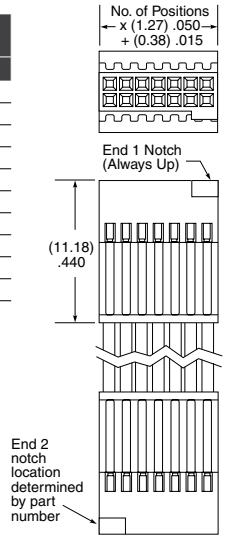
SERIES	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
SFSD = Double Row PVC Cable **SFSDT** = Double Row Blue *Teflon™ Fluoropolymer Cable	**–03, –04, –05, –07, –10, –15, –20, –25, –40, –50** (Standard sizes)	**–28** = 28 AWG **–28C** = Color Coded Cable (SFSD only) **–30** = 30 AWG	**–F** = Gold flash on contact and on tail **–G** = 10 µ" (0.25 µm) Gold on contact, Gold Flash on tail	**–"XX.XX"** = Assembled Length in Inches (76.20 mm) 03.00" min. for –S end option (82.60 mm) 03.25" min. for –D end option	**–S** = Single Ended **–D** = Double Ended For –(X) specify "S" for single ended and "D" for double ended. **–(X)R** = Retention Latch (TFM-WT option required for mating) **–(X)S** = Screw Down (Mates with TFM-DS option)	Requires –D, –DS, –DR (End 1 Notch Up) **–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)

SFSD(T)
Board Mates:
TFM, TFML, TFC (–SR & –DR requires –WT option)

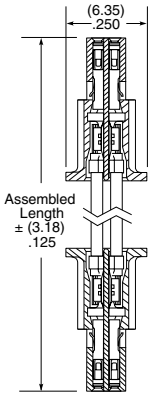
–28C CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	VIOLET
7	GRAY
8	WHITE
9	BLACK
10	BLUE
ETC	REPEAT



-SR



-D-NUS



SFSD OR SFSDT

SPECIFICATIONS

Insulator Material:
Black LCP
Contact Material:
BeCu
Plating:
Au over 50 µ" (1.27 µm) Ni
Operating Temp Range:
-10 °C to +80 °C (PVC)
-40 °C to +125 °C
(*Teflon™ Fluoropolymer)
Current Rating:
2.9 A per pin
(2 pins powered)
Voltage Rating:
275 VAC/389 VDC
Wire:
28 or 30 AWG

View complete specifications at: **samtec.com?SFSD** & **samtec.com?SFSDT**

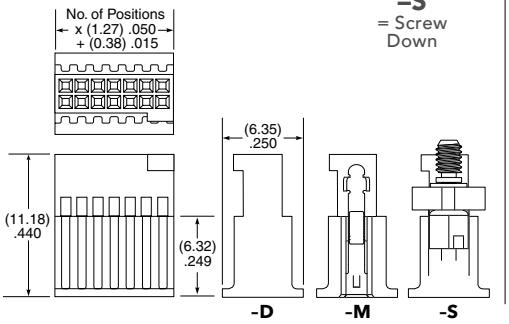
*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

Notes:
Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

For wiring option information refer to drawings on web.

ISDF	POSITIONS PER ROW	ROW OPTION	OPTION
	–03, –04, –05, –07, –10, –15, –20, –25, –40, –50 (Standard sizes)	**–D** = Double Row	**–M** = Metal Retention Latch **–S** = Screw Down

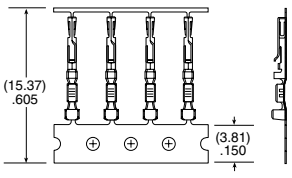




-D -M -S

SERIES	WIRE GAUGE	01	PLATING
CC03R = Contact, Full Reel (35,000 Parts per Reel) **CC03M** = Contact, Mini Reel (1,000 - 5,000 Parts per Reel)	**–2830** = 28 to 30 AWG		**–GF** = Gold flash contact **–G** = 10 µ" (0.25 µm) Gold on contact





TOOLING

Hand Tool: CAT-HT-203-2830-12	Mini Applicator: CAT-MC-203-2830-XX-01
Clamp for mounting hand tool: CAT-HT-MNT-01	Extraction Tool: CAT-EX-169-01

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

View complete specifications at: **samtec.com?ISDF**, **samtec.com?CC03R** & **samtec.com?CC03M**

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.