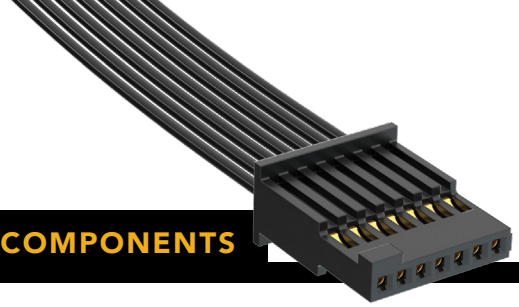
TIGER™ EYE SYSTEM



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

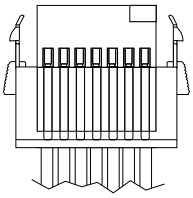
SERIES	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
SFSS = Single Row PVC Cable **SFSST** = Single Row Blue *Teflon™ Fluoropolymer Cable	**–03, –04, –05, –07, –10, –15, –20, –25, –40, –50** (Standard sizes)	**–28** = 28 AWG **–28C** = Color Coded Cable (SFSS only) **–30** = 30 AWG	**–F** = Gold flash on contact and 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 **–SR** = Single Ended Retention Latch (TFM-WT option required for mating) **–DR** = Double Ended Retention Latch (TFM-WT option required for mating)	Requires –D or –DR (End 1 Notch Up) **–NUS** = Notch up, straight (Pin 1 to Pin N) **–NDS** = Notch down, straight (Pin 1 to Pin 1)

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

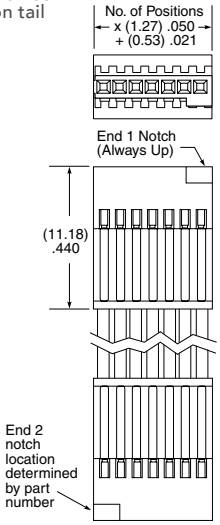
–28C CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	VIOLET
7	GRAY
8	WHITE
9	BLACK
10	BLUE
ETC	REPEAT

SPECIFICATIONS

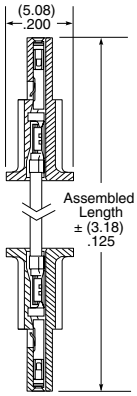
Insulator Material:
Black LCP
Contact Material:
BeCu
Plating:
Au over 50 µ" (1.27 µm) Ni
Operating Temp Range:
-10 °C to +80 °C (PVC)
-40 °C to +125 °C
(*Teflon™ Fluoropolymer)
Current Rating:
2.9 A per pin (2 pins powered)
Voltage Rating:
275 VAC/389 VDC
Wire:
28 or 30 AWG



-SR



-D-NUS



SFSS OR SFSST

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

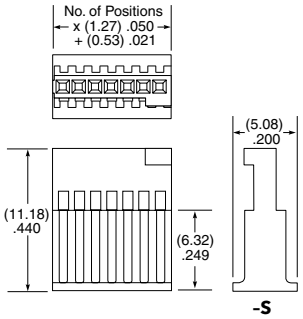
Notes:
Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

For wiring option information refer to drawings on web.

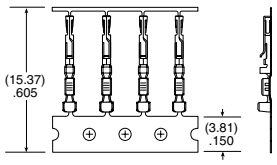
View complete specifications at: **samtec.com?SFSS** & **samtec.com?SFSST**

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

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



-S -M



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.