

# (1.27 mm) .050" PITCH • DISCRETE WIRE ASSEMBLY/COMPONENTS

SERIES	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
<b>SFSS</b> = Single Row PVC Cable	<b>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50</b> (Standard sizes)	<b>-28</b> = 28 AWG	<b>-G</b> = 10 μm (0.25 μm) Gold on contact, Gold Flash on balance	<b>-"XX.XX"</b> = Assembled Length in Inches (76.20 mm) 03.00" min. for -S end option (82.60 mm) 03.25" min. for -D end option	<b>-S</b> = Single Ended  <b>-D</b> = Double Ended  <b>-SR</b> = Single Ended Retention Latch (TFM-WT option required for mating)  <b>-DR</b> = Double Ended Retention Latch (TFM-WT option required for mating)	Requires -D or -DR (End 1 Notch Up)  <b>-NUS</b> = Notch up, straight (Pin 1 to Pin N)  <b>-NDS</b> = Notch down, straight (Pin 1 to Pin 1)
<b>SFSST</b> = Single Row Blue *Teflon® Cable		<b>-28C</b> = Color Coded Cable (SFSS only)				
		<b>-30</b> = 30 AWG				

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

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

**Current Rating:**  
2.9 A per pin (2 pins powered)

**Operating Temp Range:**  
-10 °C to +80 °C (PVC)  
-40 °C to +125 °C (\*Teflon®)

**Voltage Rating:**  
275 VAC (PVC)  
235 VAC (\*Teflon®)

**Wire:**  
28 or 30 AWG

**TIGER EYE SYSTEM**

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

**Notes:**  
Teflon® 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	SERIES	WIRE GAUGE	01	PLATING
	<b>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50</b> (Standard sizes)	<b>-S</b> = Single Row	<b>-M</b> = Metal Retention Latch	<b>CC03R</b> = Contact, Full Reel (35,000 Parts per Reel)	<b>-2830</b> = 28 to 30 AWG		<b>-GF</b> = Gold flash contact  <b>-G</b> = 10 μm (0.25 μm) Gold on contact
				<b>CC03M</b> = Contact, Mini Reel (1,000 - 5,000 Parts per Reel)			

## TOOLING

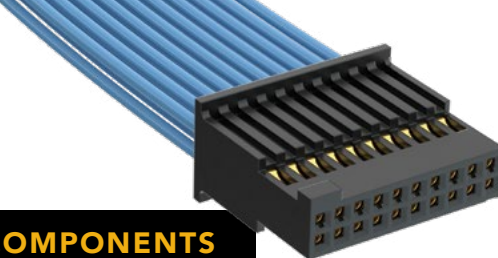
Hand Tool: CAT-HT-203-2830-12

Mini Applicator: CAT-MC-203-2830-XX-01

Clamp for mounting hand tool: CAT-HT-MNT-01

Extraction Tool: CAT-EX-169-01


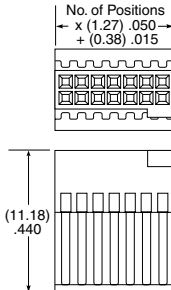
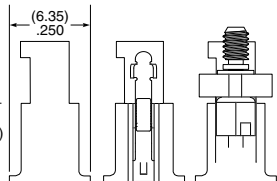

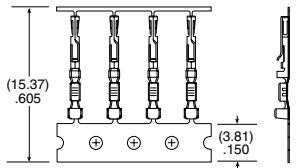
**Note:**  
Some lengths, styles and options are non-standard, non-returnable.



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	<b>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50</b> (Standard sizes)	<b>-D</b> = Double Row	<b>-M</b> = Metal Retention Latch  <b>-S</b> = Screw Down	<b>CC03R</b> = Contact, Full Reel (35,000 Parts per Reel)  <b>CC03M</b> = Contact, Mini Reel (1,000 - 5,000 Parts per Reel)	<b>-2830</b> = 28 to 30 AWG		<b>-GF</b> = Gold flash contact  <b>-G</b> = 10 μ" (0.25 μm) Gold on contact
							

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