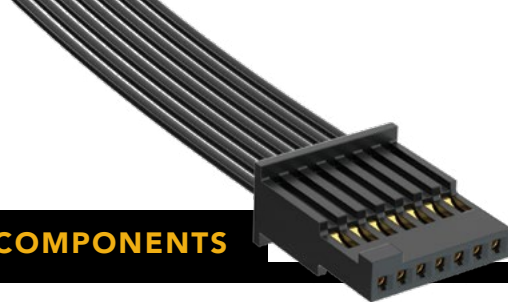


**(1.27 mm) .050" PITCH • DISCRETE WIRE ASSEMBLY/COMPONENTS**



SERIES	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION																								
<b>SFSS</b> = Single Row PVC Cable  <b>SFSST</b> = Single Row Blue *Teflon® Cable	<b>-03, -04, -05, -07, -10, -15, -20, -25, -40, -50</b> (Standard sizes)	<b>-28</b> = 28 AWG  <b>-28C</b> = Color Coded Cable (SFSS only)  <b>-30</b> = 30 AWG	<b>-G</b> = 10 μ" (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)																								
<div><div><b>SFSS(T) Board Mates:</b> TFM, TFC (-SR &amp; -DR requires -WT option)</div><div><b>SPECIFICATIONS</b>  <b>Insulator Material:</b> Black LCP <b>Contact Material:</b> BeCu <b>Plating:</b> Au over 50 μ" (1.27 μm) Ni <b>Current Rating:</b> 2.9 A per pin (2 pins powered) <b>Operating Temp Range:</b> -10 °C to +80 °C (PVC) -40 °C to +125 °C (*Teflon®) <b>Voltage Rating:</b> 275 VAC (PVC) 235 VAC (*Teflon®) <b>Wire:</b> 28 or 30 AWG</div></div> <div><table><caption>-28C CABLE COLOR CODING</caption><thead><tr><th>PIN</th><th>COLOR</th></tr></thead><tbody><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>RED</td></tr><tr><td>3</td><td>ORANGE</td></tr><tr><td>4</td><td>YELLOW</td></tr><tr><td>5</td><td>GREEN</td></tr><tr><td>6</td><td>VIOLET</td></tr><tr><td>7</td><td>GRAY</td></tr><tr><td>8</td><td>WHITE</td></tr><tr><td>9</td><td>BLACK</td></tr><tr><td>10</td><td>BLUE</td></tr><tr><td>ETC</td><td>REPEAT</td></tr></tbody></table><div></div></div> <div><p>*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.</p><p><b>Notes:</b> Teflon® cable is intended for crimp only. Contact Samtec for solderable cable applications.</p><p>For wiring option information refer to drawings on web.</p></div>							PIN	COLOR	1	BROWN	2	RED	3	ORANGE	4	YELLOW	5	GREEN	6	VIOLET	7	GRAY	8	WHITE	9	BLACK	10	BLUE	ETC	REPEAT
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ETC	REPEAT																													

View complete specifications at: [samtec.com?SFSS](http://samtec.com?SFSS) & [samtec.com?SFSST](http://samtec.com?SFSST)

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>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
<div> </div> <div> </div>							

**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](http://samtec.com?ISDF), [samtec.com?CC03R](http://samtec.com?CC03R) & [samtec.com?CC03M](http://samtec.com?CC03M)

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[M](#) [ISDF-05-D-R](#) [ISDF-50-S-R](#) [ISDF-07-D-C](#) [ISDF-40-S-R](#) [ISDF-15-S-R](#) [ISDF-25-D-DS](#) [ISDF-20-D-M](#) [ISDF-40-D](#)  
[ISDF-03-D-R](#) [ISDF-40-D-R](#) [ISDF-20-S-R](#) [ISDF-40-D-S](#) [ISDF-07-S](#) [ISDF-20-S](#) [ISDF-15-D-L](#) [ISDF-25-D-L](#) [ISDF-05-](#)  
[S-R](#) [ISDF-40-S](#) [ISDF-10-D-R](#) [ISDF-40-D-M](#) [ISDF-50-D-M](#) [ISDF-50-S](#)