

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

SERIES	POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION																								
SFSD = Double Row PVC Cable	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-28 = 28 AWG	-G = 10 μ " (0.25 μ m) Gold on contact, Gold Flash on balance	-"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	Requires -D, -DS, -DR (End 1 Notch Up)																								
SFSDT = Double Row Blue *Teflon™ Fluoropolymer Cable		-28C = Color Coded Cable (SFSD only)			-D = Double Ended For -(X) specify "S" for single ended and "D" for double ended.	-NUS = Notch up, straight (Pin 1 to Pin N-1)																								
SFSD(T) Board Mates: TFM, TFML, TFC (-SR & -DR requires -WT option)		-30 = 30 AWG			-(X)R = Retention Latch (TFM-WT option required for mating)	-NDS = Notch down, straight (Pin 1 to Pin 2)																								
SPECIFICATIONS		-28C CABLE COLOR CODING			-(X)S = Screw Down (Not available in -03, -04 & -50 positions) (Mates with TFM-DS option)	-NUX = Notch up, crossed (Pin 1 to Pin N)																								
Insulator Material: Black LCP Contact Material: BeCu Plating: Au over 50 μ " (1.27 μ m) 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™ Fluoropolymer) Voltage Rating: 280 VAC (PVC) 313 VAC (*Teflon™ Fluoropolymer) Wire: 28 or 30 AWG		<table border="1"> <tr><th>PIN</th><th>COLOR</th></tr> <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> </table>	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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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	SERIES	WIRE GAUGE	01	PLATING
	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-D = Double Row	-M = Metal Retention Latch -S = Screw Down	CC03R = Contact, Full Reel (35,000 Parts per Reel)	-2830 = 28 to 30 AWG		-GF = Gold flash contact -G = 10 μ " (0.25 μ m) Gold on contact
				CC03M = 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.

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

Mouser Electronics

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[Samtec](#):

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