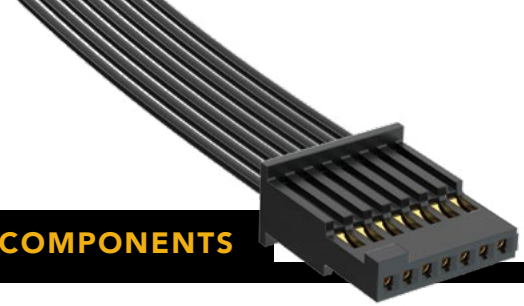


(1.27 mm) .050" PITCH • DISCRETE WIRE ASSEMBLY/COMPONENTS



| SERIES | POSITIONS PER ROW | WIRE GAUGE | PLATING OPTION | ASSEMBLED LENGTH | END OPTION | END 2 OPTION |
|---|---|--|---|--|--|---|
| SFSS = Single Row PVC Cable SFSS(T) = Single Row Blue *Teflon® 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 | -G = 10 μm (0.25 μm) Gold on contact, Gold Flash on balance | -"XX.XX" = Assembled Length in Inches (76.20 mm) 03.00" min. for -S end option 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 μm (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

***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.

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

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) | -S = Single Row | -M = Metal Retention Latch | 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 μm (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

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