

(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

(Standard sizes) **SFSST** = Single Row Blue *Teflon® Cable

-03, -04, -05, -07, -10, -15, -20, -25, -40, -50

-28C = Color Coded Cable (SFSS only)

-30

= 30 AWG

-28 = 28 AWG

-G = 10 μ" (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 (82.60 mm) 03.25" min. for –D end option

No. of Positions – x (1.27) .050 → + (0.53) .021

End 1 Notch (Always Up)

-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

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:**

(-SR & -DR requires -WT option)

SPECIFICATIONS

Insulator Material: **Contact Material:**

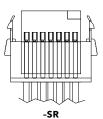
BeCu Plating: Au over 50 μ" (1.27 μm) Ni

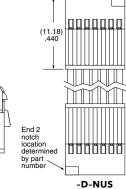
Au over 50 p (1.27 pm) fri Current Rating: 2.9 A per pin (2 pins powered) Operating Temp Range: -10 °C to +80 °C (PVC) -40 °C to +125 °C (*Teflon®) Voltage Rating: 275 VAC (PVC) 235 VAC (*Teflon®)

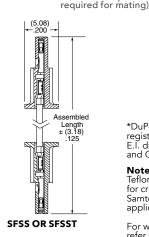
Wire: 28 or 30 AWG











*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.

For wiring option information refer to drawings on web.

ISDF

POSITIONS PER ROW

ROW OPTION

OPTION

SERIES

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)

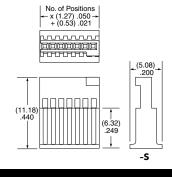
CC03M = Contact, Mini Reel (1,000 - 5,000 Parts

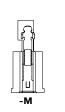
-2830 = 28 to 30**AWG**

-GF Gold flash contact

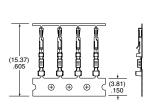
> -G = 10 µ" (0.25 µm) Gold on contact











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.



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

SERIES

POSITIONS PER ROW

WIRE GAUGE

-28

= 28 AWG

-28C

= Color

Coded Cable

(SFSD only)

-30

= 30 AWG

PLATING OPTION

-G = 10 μ" (0.25 μm)

Gold on

contact

Gold Flash

on balance

No. of Positions ← x (1.27) .050→ + (0.38) .015

ASSEMBLED LENGTH

-"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

OPTION

-S = Single Ended

-D

= Double Ended For -(X) specify "S" for single ended and "D" for double ended.

-(X)R

= Retention Latch (TFM-WT option required for mating)

-(X)S = Screw Down (Not available in -03, -04 & -50 positions) (Mates with TFM-DS option)

Requires -D, -DS, -DR (End 1 Notch Up)

END 2 OPTION

-NUS

= Notch up, straight (Pin 1 to Pin N-1)

-NDS

= Notch down, straight (Pin 1 to Pin 2)

-NUX

= Notch up, crossed (Pin 1 to Pin N)

-NDX

= Notch down, crossed (Pin 1 to Pin 1)

SFSD = Double Row PVC Cable

SFSDT Double Row Blue *Teflon® Cable

SFSD(T) **Board Mates:**

(-SR & -DR requires -WT option)

SPECIFICATIONS

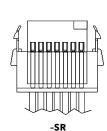
Insulator Material: Black LC Contact Material: Plating: Au over 50 μ" (1.27 μm) Ni Current Rating: 2.9 A per pin (2 pins powered)

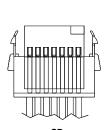
Operating Temp Range: -10 °C to +80 °C (PVC) -40 °C to +125 °C (*Teflon®) Voltage Rating: 275 VAC (PVC) 235 VAC (*Teflon®) Wire: 28 or 30 AWG

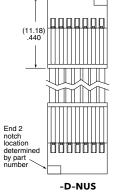
-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)

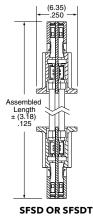
| -28C CABLE COLOR CODING | |
|----------------------------|--------|
| PIN | COLOR |
| 1 | BROWN |
| 2 | RED |
| 3 | ORANGE |
| 4 | YELLOW |
| 5 | GREEN |
| 6 | VIOLET |
| 7 | GRAY |
| 8 | WHITE |
| 9 | BLACK |
| 10 | BLUE |
| ETC | REPEAT |











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ISDF

POSITIONS PER ROW

-03, -04, -05,

-07, -10, -15,

(Standard sizes)

20, -25, -40, -50

OPTION

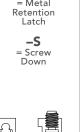
-D

= Double

Row

OPTION

-M = Metal



SERIES

CC03R

(35,000 Parts per Reel)

CC03M

= Contact, Mini Reel (1,000 - 5,000 Parts

Contact, Full Reel

GAUGE

-2830

= 28 to 30

AWG

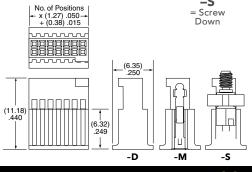
01

PLATING

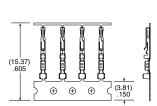
-GF Gold flash contact

-G $= 10 \mu'' (0.25 \mu m)$ Gold on contact









TOOLING

Hand Tool: CAT-HT-203-2830-12 Clamp for mounting hand tool: CAT-HT-MNT-01

Extraction Tool: CAT-EX-169-01

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

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