



SOCKET CABLE ASSEMBLY SFSD SERIES

Mates with: TFM, TFC

SPECIFICATIONS

For complete specifications see www.samtec.com?SFSD

Insulator Material: Black LCP Contact Material: BeCu

Plating:

Au over 50μ" (1,27μm) Ni Operating Temp Range: -55°C to +80°C Voltage Rating: 275 VAC

Wire: 28 or 30 AWG **RoHS Compliant:**

CURRENT RATING	
AMBIENT TEMP	SFSD/TFM
20°C	4A
40°C	3.6A
60°C	3.2A
95°C	2.1A

6 POSITIONS IN LINE POWERED

-SR/-DR **APPLICATIONS**

When Mated to TFM-WT

Terminal/Housing Retention	
Min	(22,25N) 5.0 lb
	(26,52N) 5.96 lb
Ave	(24,34N) 5.47 lb

Wire/Crimp Retention	
Min	(20,47N) 4.6 lb
	(36,49N) 8.2 lb
Ave	(29,95N) 6.73 lb

APPLICATION SPECIFIC OPTION

- · Locking feature available for mating to the TFML Series
- · Color coded cable available

Call Samtec.

HAND TOOLS

28 to 30 AWG: CAT-HT-203-2832-11

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

NO. POSITIONS **SFSD PER ROW**

05, –07, –10, –15,

20, –25, –30

No. of Positions x (1,27) .050 + (0,38) .015

(2,03).080 → Notch End 1-

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-D-NUS

囲口口口口口口口口 (3,05) (3,68) 囲口口口口口口口口口 .145

1,27) .050

(Call Samtec for other sizes)

GAUGE

-30

= 30 AWG

-28

= 28 AWG

WIRE PLATING OPTION

> $= 30 \mu'$ (0,76µm) Gold on contact, **Gold Flash** on balance

"XX.XX" = Assembled Length in Inches (76,20mm) 03.00" min. for

ASSEMBLED

LENGTH

(82,60mm) 03.25" min. for -D end option

(2.86)

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-S = Single Ended

END

OPTION

–D = Double Ended

(End No. 2 notch options required)

-SR = Single Ended with Retention Latch

-DR = Double Ended with Retention

(End No. 2 options required)

Latch

_D & _DR **End Option**

END 2

OPTION

only. Applies to End No. 2 housing (End No. 1 is always Notch Up)

-NUS = Notch up straight

-NDS = Notch down, straight

-NUX = Notch up crossed

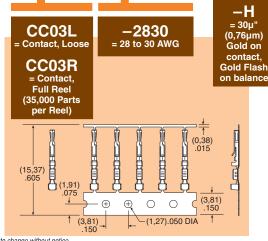
-NDX = Notch down. crossed

POSITIONS LATCH TYPE **PER ROW** OPTION



−M = Metal ·05, –07, –10, **ISDF** Retention -15, -20, -25, -30 (Call Samtec for other sizes) - Housing Latch (2,03) .080 (1,27) .050 (11.18)

WIRE **PLATING** 01 GAUGE



Due to technical progress, all designs, specifications and components are subject to change without notice. WWW.SAMTEC.COM