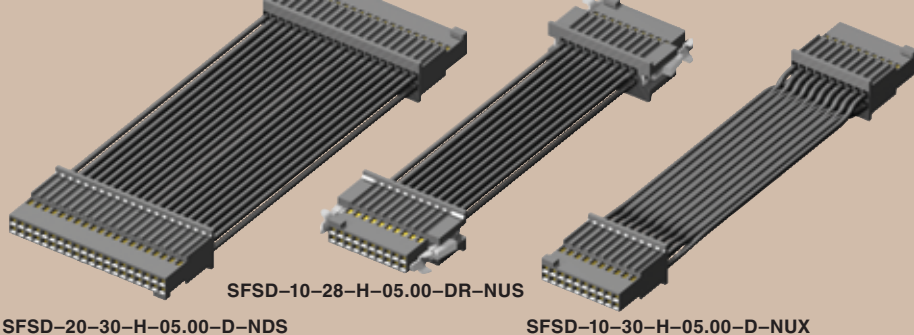




SOCKET CABLE ASSEMBLY

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:

Yes



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
Max	(26,52N) 5.96 lb
Ave	(24,34N) 5.47 lb

Wire/Crimp Retention	
Min	(20,47N) 4.6 lb
Max	(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, non-returnable.

SFSD	NO. POSITIONS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLED LENGTH	END OPTION	END 2 OPTION
	-05, -07, -10, -15, -20, -25, -30 (Call Samtec for other sizes)	-30 = 30 AWG -28 = 28 AWG	-H = 30μ" (0,76μm) Gold on contact, Gold Flash on balance	- "XX.XX" = Assembled Length in Inches (76,20mm) 03.00" min. for -S end option (82,60mm) 03.25" min. for -D end option	-S = Single Ended -D = Double Ended (End No. 2 notch options required)	Available on -D & -DR End Option only. Applies to End No. 2 housing (End No. 1 is always Notch Up). -NUS = Notch up, straight -NDS = Notch down, straight -NUS = Notch up, crossed -NDS = Notch down, crossed

Technical drawings include top view, side view, and end view of the SFSD cable assembly. Dimensions are provided in inches and millimeters. Key features include the number of positions per row, wire gauge, plating options, assembled length, end options, and end 2 options.



TYPE	POSITIONS PER ROW	D	LATCH OPTION	TYPE	WIRE GAUGE	01	PLATING
ISDF = Housing	-05, -07, -10, -15, -20, -25, -30 (Call Samtec for other sizes)		-M = Metal Retention Latch	CC03L = Contact, Loose CC03R = Contact, Full Reel (35,000 Parts per Reel)	-2830 = 28 to 30 AWG		-H = 30μ" (0,76μm) Gold on contact, Gold Flash on balance

Technical drawings include top view, side view, and end view of the ISDF and CC03L/CC03R cable assemblies. Dimensions are provided in inches and millimeters. Key features include the number of positions per row, wire gauge, plating options, assembled length, end options, and end 2 options.

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

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