



# SOCKET CABLE ASSEMBLY SFSD SERIES

Mates with:  
TFM, TFC

## SPECIFICATIONS

For complete specifications see [www.samtec.com?SFSD](http://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 -NUX = Notch up, crossed -NDX = Notch down, crossed



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

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)