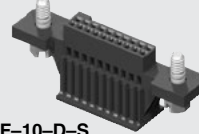


ISDF-07-D-M



ISDF-10-D-S



CC03R-2830-01-G

(1.27 mm) .050"

ISDF, CC03R, CC03M, TFM SERIES

DISCRETE WIRE COMPONENTS & TOOLING

SPECIFICATIONS

For complete specifications see www.samtec.com?ISDF, www.samtec.com?CC03R or www.samtec.com?CC03M

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



TOOLING

- Hand tool: CAT-HT-203-2830-12
- Clamp for mounting hand tool to work table: CAT-HT-MNT-01
- Mini Applicator: CAT-MC-203-2830-XX-01
- Extraction tool: CAT-EX-169-01

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

TYPE	POSITIONS PER ROW	ROW OPTION	OPTION	TYPE	WIRE GAUGE	01	PLATING
ISDF = Housing	-03, -04, -05, -07, -10, -15, -20, -25, -40, -50 (Standard sizes)	-S = Single Row -D = Double Row	-M = Metal Retention Latch -S = Screw Down (-D only)	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 on contact -G = 10 μm (0.25 μm) Gold on contact



Mates with: SFSD(T), SFSS(T)

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TFM

Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze
Plating: Au or Sn over 50 μm (1.27 μm) Ni
Voltage Rating: 250 VAC mated with SFM
Operating Temp Range: -55 °C to +125 °C
RoHS Compliant: Yes

PROCESSING

Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0.10 mm) .004" max (05-25) (0.15 mm) .006" max (30-50)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



TFM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
03, 04, 05, 07, 10, 15, 20, 25, 40, 50	-01 = Through-hole -02 = Surface Mount	-L = 15 μm (0.38 μm) Gold on post, Matte Tin on tail	-S = Single Row -D = Double Row	-DS = Dual Screw Down for (1.60 mm) .062" PCB (05, 07, 10, 15, 20, 25, 40 positions only) (Requires -D row option) (Mates with SFSD/SFSDT -SS and -DS option only) -WT = Weld Tab (Mates to SFSS/SFSD -SR and -DR option only) (05, 07, 10, 15, 20, 25, 40, 50 positions only)		

OTHER SOLUTIONS

• Many other options available. See TFM, TFML, TFC Series or contact Samtec.

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.