



(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-MA-203-2830-XX-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)	-2830 = 28 to 30 AWG		-GF = Gold flash on contact -G = 10μ" (0.25 μm) Gold on contact
Insulator Material: Black LCP				CC03M = Contact, Mini Reel (1,000-5,000 Parts per Reel)			
TIGER EYE SCREW DOWN				TIGER EYE CONTACT			
CONTACT MATERIAL: BeCu							

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 50μ" (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 = 15μ" (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.						
THROUGH-HOLE SURFACE MOUNT -DS						