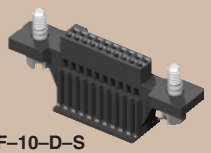
samtec

TIGER EYE SYSTEM™

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 or www.samtec.com?CC03R

RECOGNITIONS

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

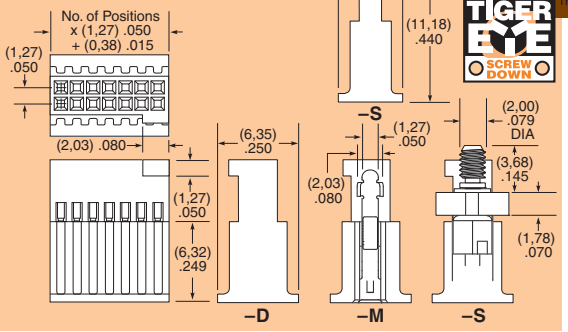
FILE NO. E111594

TOOLING

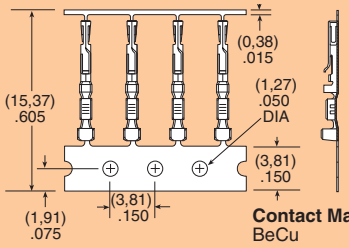
- Hand tool: CAT-HT-203-2830-12
- Clamp for mounting hand tool to work table: CAT-HT-MNT-01
- Mini Applicator: CAT-MA-203-2830-XX-01

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

TYPE	POSITIONS PER ROW	ROW OPTION	OPTION
ISDF = Housing **Insulator Material:** Black LCP	–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)™



TYPE	WIRE GAUGE	01	PLATING
CC03R = Contact, Full Reel (35,000 Parts per Reel) **CC03M** = Contact, Mini Reel (5,000 Parts per Reel)	**–2830** = 28 to 30 AWG		**–GF** = Gold flash on contact **–G** = 10µ" (0,25 µm) Gold on contact



Contact Material: BeCu

TIGER EYE 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 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

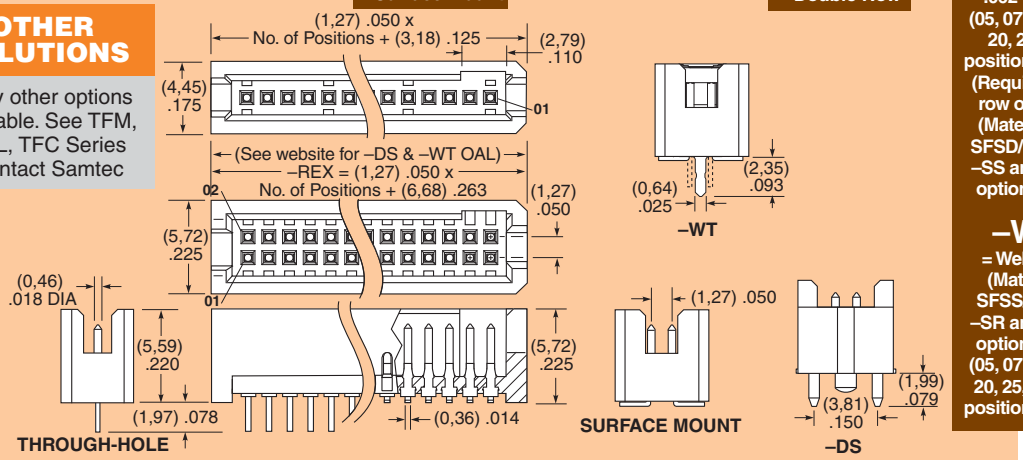
FILE NO. E111594

FILE NO: 090871_0_000

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



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

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