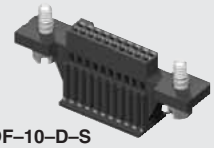
samtec

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, www.samtec.com?CC03R or www.samtec.com?CC03M

RECOGNITIONS

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

FILE NO. E111594

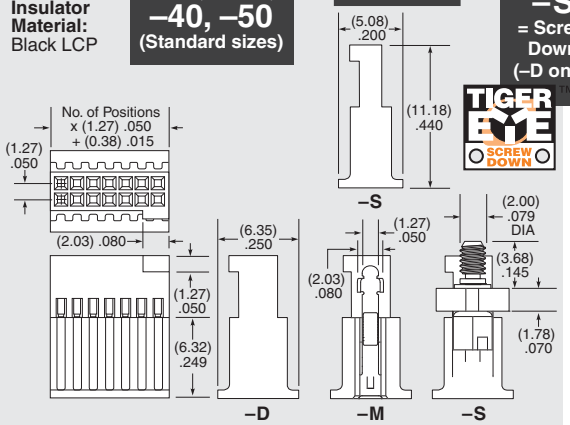
TOOLING

- 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
- Extraction tool: CAT-EX-169-01

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

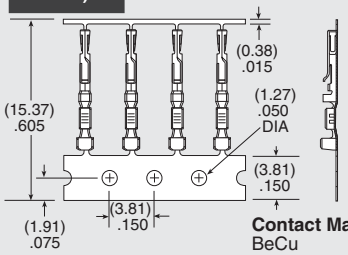
TYPE	POSITIONS PER ROW	ROW OPTION	OPTION
ISDF = Housing	–03, –04, –05, –07, –10, –15, –20, –25, –40, –50 (Standard sizes)	**–S** = Single Row **–D** = Double Row	**–M** = Metal Retention Latch **–S** = Screw Down (–D only)

Insulator Material: Black LCP



TYPE	WIRE GAUGE	01	PLATING
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 µ" (0.25 µm) Gold on contact

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 50 µ" (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** = 15 µ" (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.

