

RUGGED TIGER EYE[™] SYSTEMS

(1.27 mm) .050" PITCH



FEATURES & BENEFITS

- Screw down, locking clip, friction latching and weld tab ruggedizing options
- Shrouded, polarized and keyed
- Surface mount or through-hole tails
- High-density, four row design (FOLC/MOLC Series)
- Discrete wire assemblies available in single or double row, 28 and 30 AWG PVC or Teflon[®] wire; contact asp@samtec.com for custom solutions
- Cable components (ISDF/CC03) and tooling available



TIGER



IDC cable assemblies with rugged strain relief (FFSD/FFMD, FFTP/FMTP) Locking for increased unmating force (SFML/TFML)

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KEY SPECIFICATIONS (TFM/SFM)

РІТСН	STACK HEIGHTS	INSULATOR MATERIAL	CONTACT MATERIAL	PLATING	OPERATING TEMP RANGE	CURRENT RATING	VOLTAGE RATING	MAX CYCLES
1.27 mm	6 to 12 mm	Black LCP	BeCu (SFM) Phosphor Bronze (TFM)	Au or Sn over 50 μ" (1.27 μm) Ni	-55 °C to +125 °C	3.2 A per pin (2 pins powered)	250 VAC	10,000 with 30 μ" (0.76 μm) Au (Call Samtec for E.L.P.™ plating option)

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.



SERIES

TFM

= Standard

TFML

= Locking (-01 & -02

lead style

only

TFM

TFML

Board Mates:

Cable Mates:

Board Mates:

(4.45)

.175

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(5.72)

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(1.27 mm) .050" • SMT/THROUGH-HOLE HEADER



THROUGH-HOLE SURFACE MOUNT



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-DS





-RA





Note:

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

View complete specifications at: samtec.com?TFM & samtec.com?TFML

samtec.com/127mm-TigerEye

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec: TFM-105-02-S-D-K