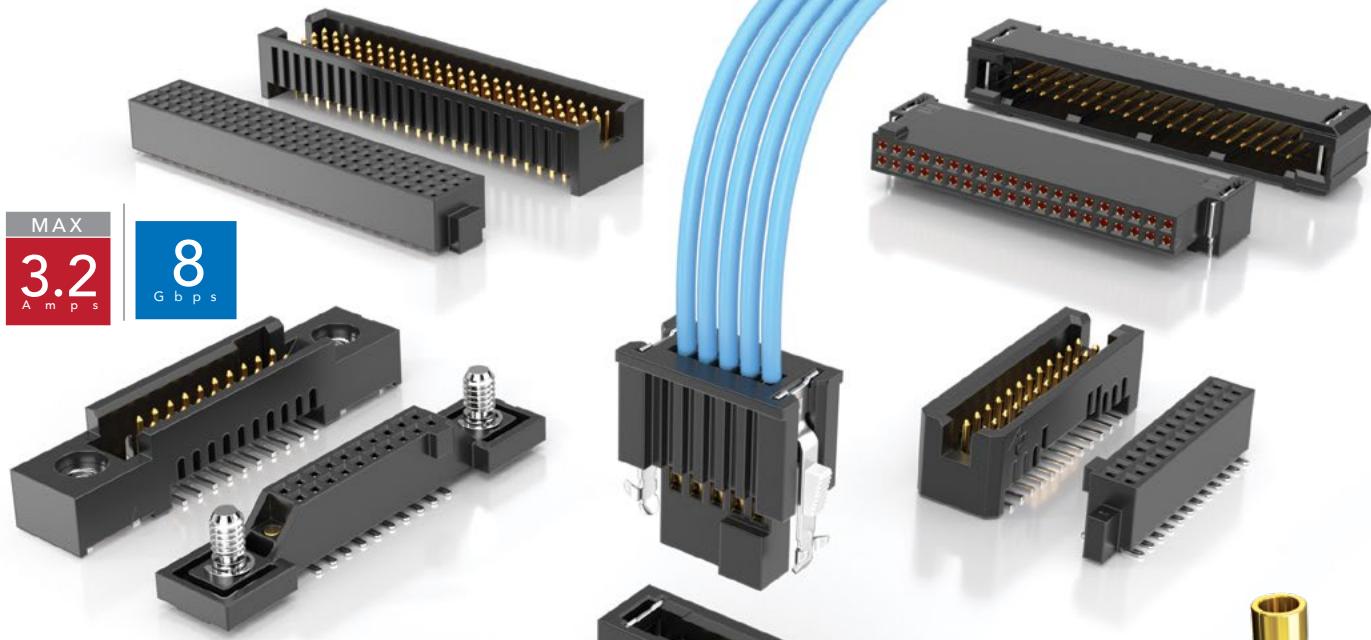


# RUGGED TIGER EYE™ SYSTEMS

(1.27 mm) .050" PITCH



## FEATURES & BENEFITS

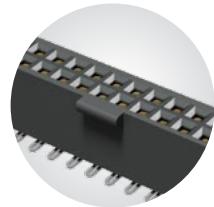
- Screw down, locking clip, friction latching and weld tab ruggedizing options
- Shrouded, polarized and keyed
- Surface mount or through-hole tails
- High-density, four row design (FOLC/MOLC Series)
- Discrete wire assemblies available in single or double row, 28 and 30 AWG PVC or Teflon® wire; contact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

Dupont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

**TIGER™  
EYE  
CONTACT**



IDC cable assemblies with rugged strain relief (FFSD/FFMD, FFTP/FMTP)



Locking for increased unmating force (S FML/TFML)

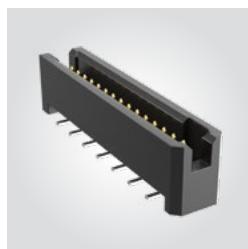
## KEY SPECIFICATIONS (TFM/SFM)

PITCH	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 $\mu$ " (1.27 $\mu$ m) Ni	-55 °C to +125 °C	3.2 A per pin (2 pins powered)	250 VAC	10,000 with 30 $\mu$ " (0.76 $\mu$ m) Au (Call Samtec for E.L.P.™ plating option)

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTIONS
TFM = Standard		03, 04, 06, 08 (TFM -01 & -02 only)	Specify LEAD STYLE from chart	-L = 15 $\mu$ " (0.38 mm) Gold on post, Matte Tin on tail (Call Samtec for E.L.P.™ plating option)	-S = Single Row (TFM only)	Specify only -RA, -RE1 or -RE2
TFML = Locking (-01 & -02 lead style only)		05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Standard sizes)			-D = Double Row	Specify only -A, -LC, -DS or -WT Not available with -RA, -RE1 and -RE2 unless otherwise noted.

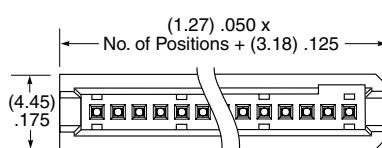
### TFM

**Board Mates:**  
SFM, SFMC  
**Cable Mates:**  
SFSD

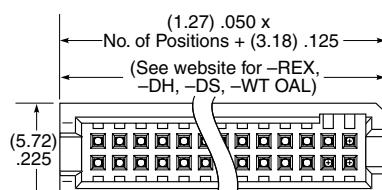


### TFML

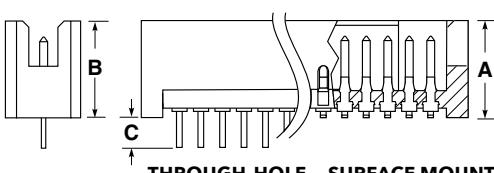
**Board Mates:**  
SFM



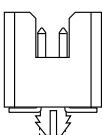
SINGLE ROW



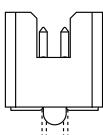
DOUBLE ROW



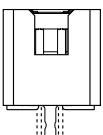
THROUGH-HOLE SURFACE MOUNT



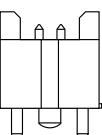
-LC



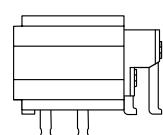
-A



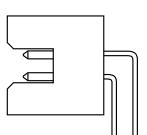
-WT



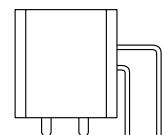
-DS



-DH\*



-RA



-RE1 & -RE2

### Note:

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

View complete specifications at: [samtec.com?TFM](http://samtec.com?TFM) & [samtec.com?TFML](http://samtec.com?TFML)

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