

# 1,27mm TIGER EYE HEADER TFM, TFML

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?TFM](http://www.samtec.com?TFM) or [www.samtec.com?TFML](http://www.samtec.com?TFML)

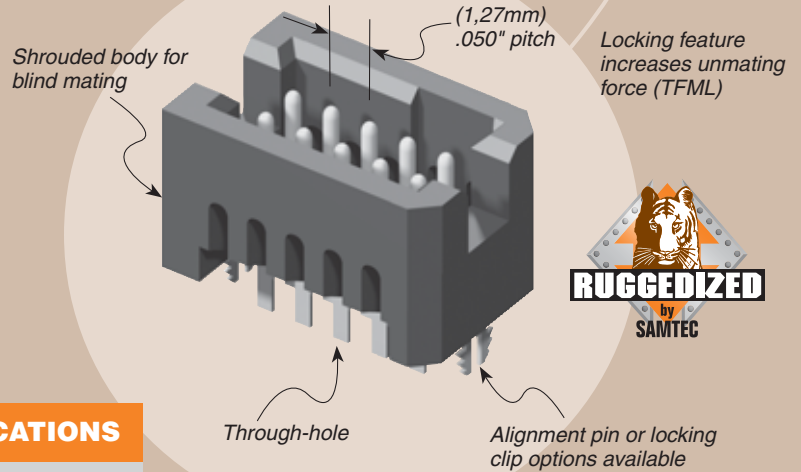
**Insulator Material:** Black Liquid Crystal Polymer   
**Terminal Material:** Phosphor Bronze  
**Plating:** Au over 50µm (1,27µm) Ni  
**Current Rating:** 2A @ 80°C ambient  
**Voltage Rating:** 350 VAC mated with SFM  
**Operating Temp Range:** -55°C to +125°C  
**RoHS Compliant:** Yes

**TFM Mates with:** SFM, SFMC, SFSD

**TFML Mates with:** SFML

## STACK HEIGHT

LEAD STYLE	SFM	MATED HEIGHT
-01		(5,97) .235
-11	-01	(7,75) .305
-21		(9,53) .375
-31		(11,43) .450



## COST-SAVING APPLICATIONS

See TFC Series for lower cost plating options

## APPLICATION SPECIFIC OPTION

- TFM single row available.
  - TFML solder nail option available.
- Call Samtec

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

**Processing:**  
Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x  
Lead-Free Solderable: Yes



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TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OPTION
TFM = Standard	05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Call Samtec for other sizes)	Specify LEAD STYLE from chart	-S = 30µm (0,76µm) Gold on post, Matte Tin on tail		-RA = Right Angle (Style -01 only)
TFML = Locking (Lead style -01 only)					-RE1 = Right Angle Elevated for (1,58mm) .062" PCB (N/A without -WT) (Available in lead style -01 only, available in 5, 10, 15, 20, 25, 30 positions only) (TFM only)
					-RE2 = Right Angle Elevated for (2,36mm) .093" PCB (N/A without -WT) (Available in lead style -01 only, available in 5, 10, 15, 20, 25, 30 positions only) (TFM only)
					-A = Alignment Pin (N/A with 07 positions -RA or -LC)
					-LC = Locking Clip (N/A with 07 positions -RA or -A)
					-WT = Weld Tabs Available on -01 lead style option 05, 10, 15, 20, 25, 30 positions only. (N/A with -A, -LC, -RA or TFML Series) Mates to SFSD -SR & -DR option

LEAD STYLE	B
-01-RE1	(1,88) .074
-01-RE2	(2,69) .106

LEAD STYLE	A
-01	(5,59) .220
-11*	(7,37) .290
-21*	(9,14) .360
-31*	(11,05) .435

\* N/A WITH 07 POSITIONS

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

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