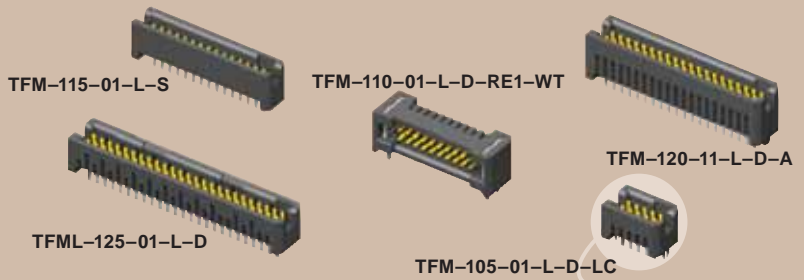




(1,27mm) .050"

TFM, TFML SERIES



THROUGH-HOLE HIGH REL HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TFM or www.samtec.com?TFML

Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27µm) Ni
Voltage Rating: 350 VAC mated with SFM
Operating Temp Range: -55°C to +125°C
RoHS Compliant: Yes
Lead-Free Solderable: Yes

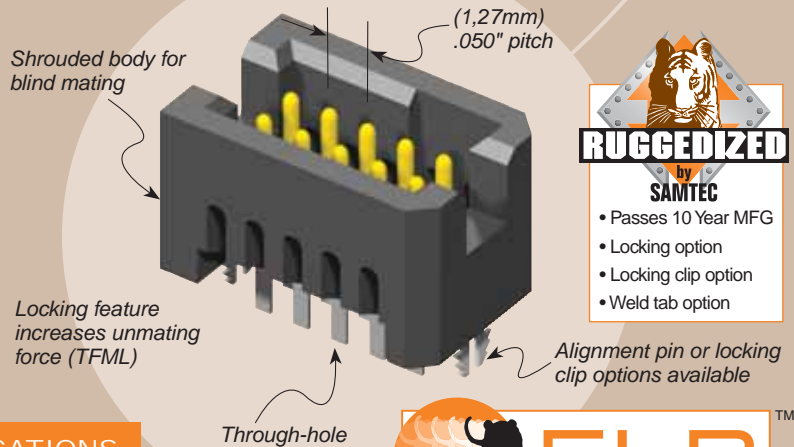


TFM Mates with: SFM, SFMC, SFSD

TFML Mates with: SFML, SFSD (-XL option), SFSDT (-XL option)

STACK HEIGHT

LEAD STYLE	MATED HEIGHT
-01	(5,97) .235
-03	(5,97) .235
-11	(7,75) .305
-13	(7,75) .305
-21	(9,53) .375
-31	(11,43) .450



RUGGEDIZED
by SAMTEC

- Passes 10 Year MFG
- Locking option
- Locking clip option
- Weld tab option

ELP
EXTENDED LIFE PRODUCT

10 Year Mixed Flowing Gas (MFG)
1,000 cycles when mated with SFM

COST-SAVING APPLICATIONS

See TFC Series for lower cost plating options.

CURRENT RATING	
AMBIENT TEMP	TFM/SFM
20°C	5A
40°C	4.5A
60°C	3.9A
95°C	2.6A

6 POSITIONS (2x3) POWERED

TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
TFM = Standard	05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Call Samtec for other sizes)	Specify LEAD STYLE from chart	-L = 10µ" (0,25µm) Gold on post, Matte Tin on tail -S = 30µ" (0,76µm) Gold on post, Matte Tin on tail	-S = Single Row (TFM only) -D = Double Row	-RA = Right Angle (Style -01 only) -RE1 = Right Angle Elevated for (1,58mm) .062" PCB (Requires -WT) (TFM lead style -01, -D and 5, 10, 15, 20, 25, 30 positions only) -RE2 = Right Angle Elevated for (2,36mm) .093" PCB (Requires -WT) (TFM lead style -01, -D and 5, 10, 15, 20, 25, 30 positions only) -A = Alignment Pin (N/A with -RA or -LC) -LC = Locking Clip (Manual placement required) (N/A with -RA or -A) -WT = Weld Tabs lead style -01 and 05, 10, 15, 20, 25, 30 positions only. (N/A with -A, -LC, -RA or TFML Series) Mates to SFSS/SFSD -SR & -DR option

LEAD STYLE	A	B
-01	(5,59) .220	(1,97) .078
-03*	(5,59) .220	(2,77) .109
-11*	(7,37) .290	(1,97) .078
-13*	(7,37) .290	(2,77) .109
-21*	(9,14) .360	(1,97) .078
-31*	(11,05) .435	(1,97) .078

* N/A with 07 or -S row option

Note: Other Gold plating options available. Contact Samtec.

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

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

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