TIGER™ EYE SYSTEM

MAX 3.2 Amps | 8 Gbps

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

SERIES	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION	–	OPTIONS

TFM
= Standard

TFML
= Locking (–01 & –02 lead style only)

03, 04, 06, 08
(TFM –01 & –02 only)

05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50
(Standard sizes)

Specify LEAD STYLE from chart

–L
= 15 µ" (0.38 µm) Gold on post, Matte Tin on tail (Call Samtec for E.L.P.™ plating option)

–S
= Single Row (TFM only)

–D
= Double Row

–DH*
= Double Horizontal (TFM lead style –02 only) (05 thru 50 positions only) (–TR or –FR option only available)

Specify only –RA, –RE1 or –RE2

–RA
= Right-angle (Lead style –01 only)

–RE1
= Right-angle Elevated for (1.60 mm) .062" PCB (Requires TFM lead style –01, –D row and –WT)

–RE2
= Right-angle Elevated for (2.36 mm) .093" PCB (Requires TFM lead style –01, –D row and –WT)

Specify only –A, –LC, –DS or –WT Not available with –RA, –RE1 and –RE2 unless otherwise noted.

–A
= Alignment Pin

–LC
= Locking Clip (Manual Placement required)

–DS
= Dual Screw Down for (1.60 mm) .062" PCB (05, 07, 10, 15, 20, 25, 30, 35, 40 positions only) (TFM lead styles –01 and –02 only) (Requires –D row option) (Mates with SFM–DS option and SFSD/SFSDT –SS and –DS option only) (Not available with –A, –LC, –WT, –K, –P, –XR)

–WT
= Weld Tab (TFM lead styles –01 and –02 only) (Required callout for –RE1 & –RE2) (Mates to SFSS/SFSD –SR and –DR option only) (05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50 positions only)

SMT lead styles only Specify only –K or –P

–K
= Polyimide Film Pick & Place Pad

–P
= Plastic Pick & Place Pad (5 positions min.) (Not available with 5 position with –WT)

Specify –TR or -FR last (Not available with –DS)

–TR
= Tape & Reel

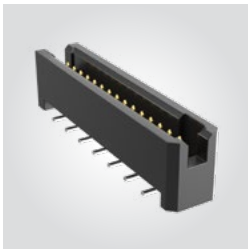
–FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

TFM

Board Mates:
SFM, SFMC
Cable Mates:
SFSD

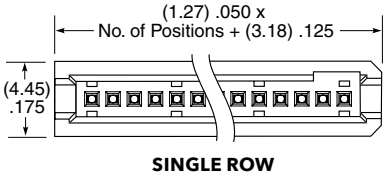
TFML

Board Mates:
SFML

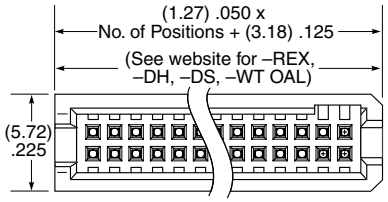


MATED HEIGHTS*	
LEAD STYLE (SMT)	MATED HEIGHT*
TFM / SFM	
-02 / -02	(6.35) .250
-12 / -02	(8.13) .320
-22 / -02	(9.91) .390
-32 / -02	(11.81) .465
LEAD STYLE (T/H)	MATED HEIGHT*
TFM / SFM	
-01 / -01	(5.97) .235
-03 / -01	(5.97) .235
-11 / -01	(7.75) .305
-13 / -01	(7.75) .305
-21 / -01	(9.53) .375
-23 / -01	(9.53) .375
-31 / -01	(11.43) .450

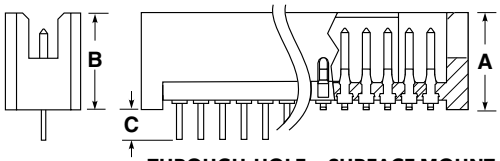
*Processing conditions will affect mated height.



SINGLE ROW



DOUBLE ROW



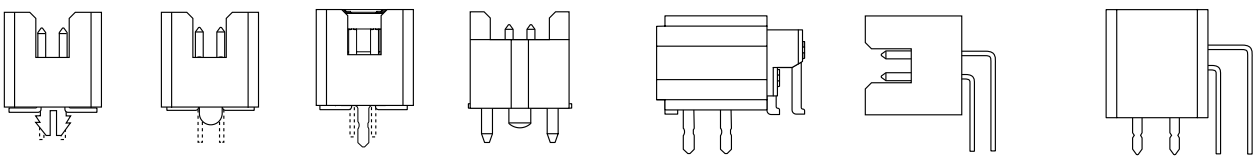
THROUGH-HOLE SURFACE MOUNT

LEAD STYLE (SMT)	A
–02	(5.72) .225
–12*	(7.49) .295
–22*	(9.27) .365
–32*	(11.18) .440

* N/A with 07, -DH or -S row option

LEAD STYLE (T/H)	B	C
–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
–23*	(9.14) .360	(2.77) .109
–31*	(11.05) .435	(1.97) .078

* Not Available with 07 or -S row option



-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** & **samtec.com?TFML**

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.

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