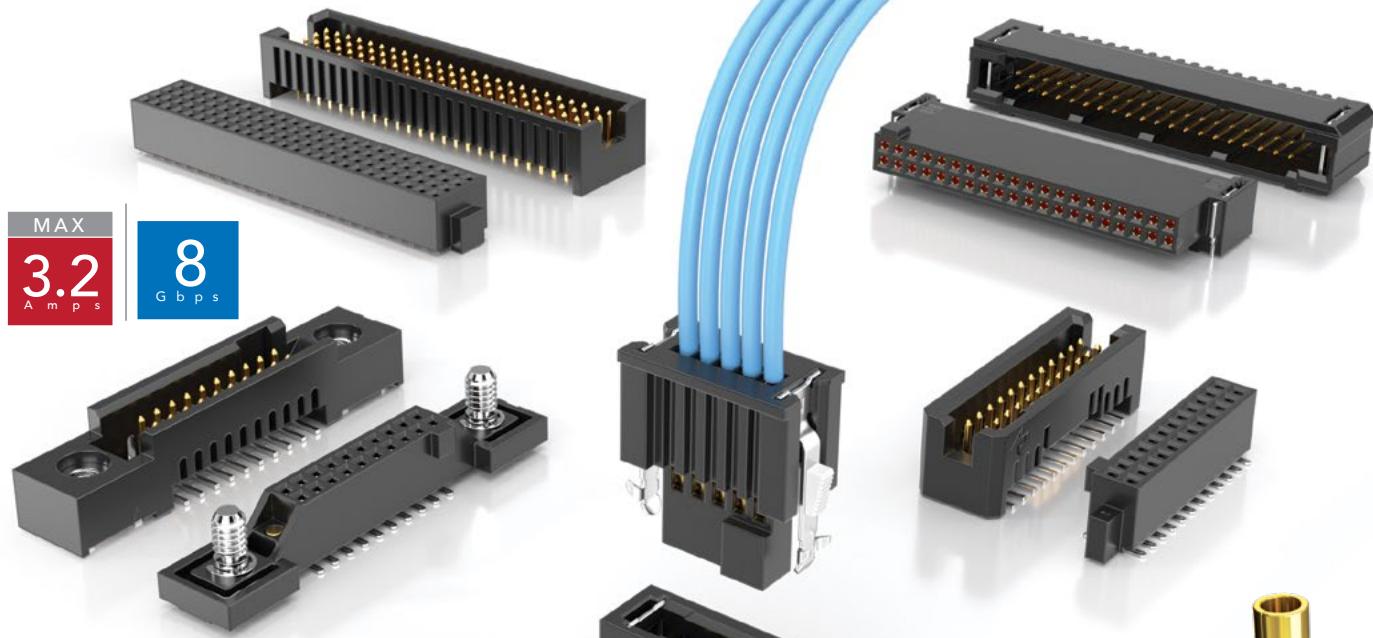


RUGGED TIGER EYE™ SYSTEMS

(1.27 mm) .050" PITCH



FEATURES & BENEFITS

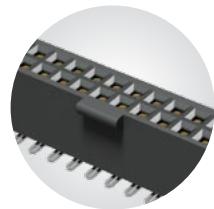
- Screw down, locking clip, friction latching and weld tab ruggedizing options
- Shrouded, polarized and keyed
- Surface mount or through-hole tails
- High-density, four row design (FOLC/MOLC Series)
- Discrete wire assemblies available in single or double row, 28 and 30 AWG PVC or Teflon® wire; contact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

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 (SFM/L/TFML)

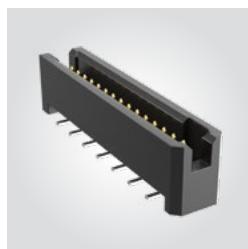
KEY SPECIFICATIONS (TFM/SFM)

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 μ " (1.27 μ m) Ni	-55 °C to +125 °C	3.2 A per pin (2 pins powered)	250 VAC	10,000 with 30 μ " (0.76 μ 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 μ " (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.

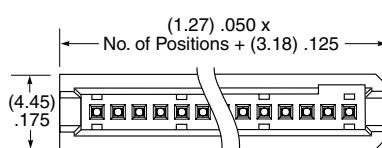
TFM

Board Mates:
SFM, SFMC
Cable Mates:
SFSD

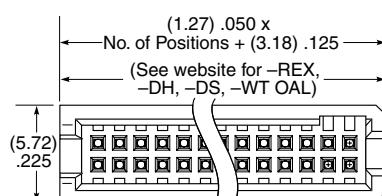


TFML

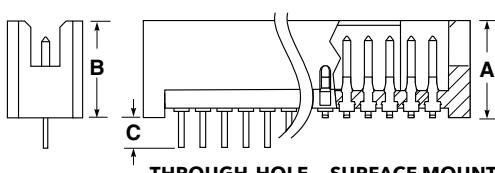
Board Mates:
SFM



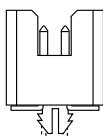
SINGLE ROW



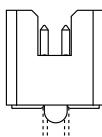
DOUBLE ROW



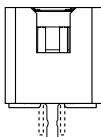
THROUGH-HOLE SURFACE MOUNT



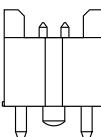
-LC



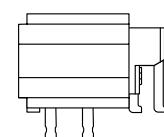
-A



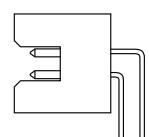
-WT



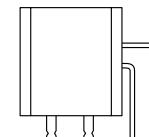
-DS



-DH*



-RA



-RE1 & -RE2

MATED HEIGHTS*		
LEAD STYLE (SMT)		MATED HEIGHT*
TFM	SFM	(6.35).250
		(8.13).320
		(9.91).390
		(11.81).465
LEAD STYLE (T/H)		MATED HEIGHT*
TFM	SFM	(5.97).235
		(5.97).235
		(7.75).305
		(7.75).305
		(9.53).375
		(9.53).375
		(11.43).450

*Processing conditions will affect mated height.

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

Note:

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

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

Mouser Electronics

Authorized Distributor

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

[Samtec](#):

[TFM-120-02-S-D-DS](#)