

(1,27 mm) .050"

TFC SERIES

COST SAVING RELIABLE HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TFC

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze

Plating:
Au or Sn over
50µ" (1,27 µm) Ni

Current Rating:
2.9 A per pin
(1 pin powered per row)

Voltage Rating:
350 VAC mated with SFC

Operating Temp Range:
-55°C to +125°C

RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:
Yes

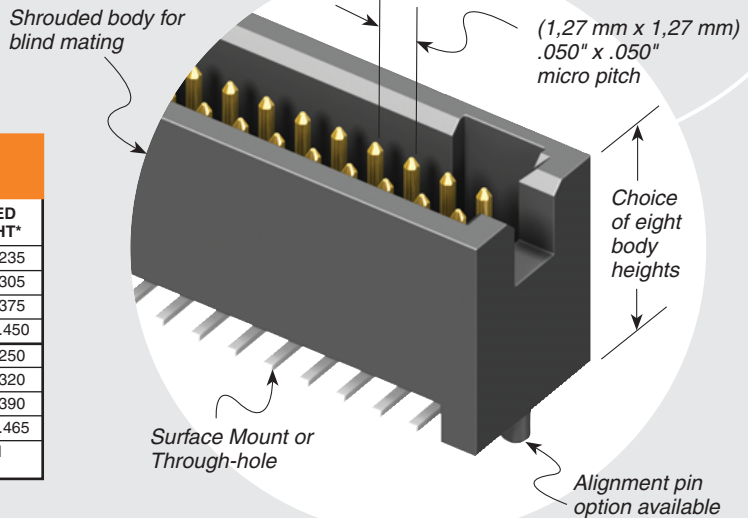
SMT Lead Coplanarity:
(0,10 mm) .004" max (03-25)

(0,15 mm) .006" max (30-50)

Mates with:
SFC, SFS, SFS, SFS

MATED HEIGHTS			
LEAD STYLE	TFC	SFC	MATED HEIGHT*
-01	-T1		(5,97) .235
-11			(7,75) .305
-21			(9,53) .375
-31			(11,43) .450
-02	-T2		(6,35) .250
-12			(8,13) .320
-22			(9,91) .390
-32			(11,81) .465

*Processing conditions will affect mated height.



RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



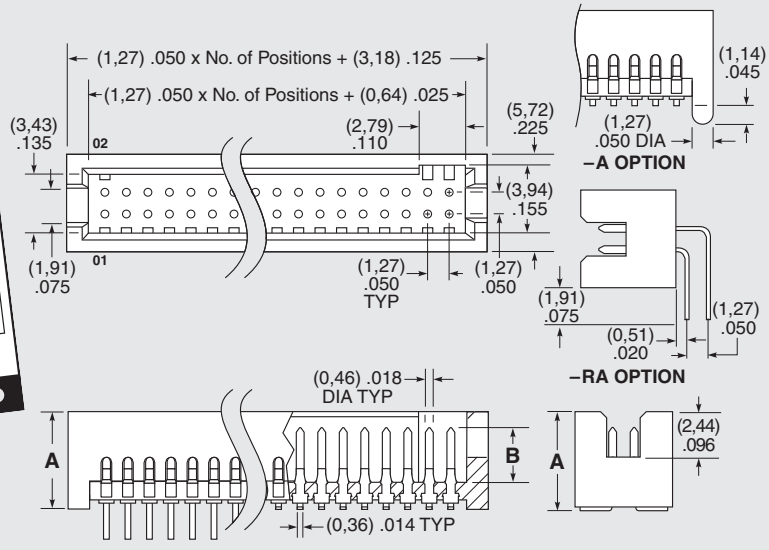
ALSO AVAILABLE (MOQ Required)

- Other sizes
- Contact Samtec.

TFC	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OPTION
		03, 04, 06, 08 (Lead Style -01 & -02 only)	-X1 = Through-hole -X2 = Surface Mount	-F = Gold flash on post, Matte Tin on tail -L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail		-RA = Right Angle (-01 only) -A = Alignment Pin -LC = Locking Clip (Manual Placement required) (not available with -RA) -K = (6,75 mm) .266" DIA Polyimide film Pick & Place Pad -P = Plastic Pick & Place Pad (5 positions min.) -TR = Tape & Reel (-X2 only)
		05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Standard sizes)				

TAPE & REEL AVAILABILITY

No tooling charges.
Minimum order is the lesser of a full reel quantity or 125 pieces.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications and ordering information.



TH LEAD STYLE	A	B
-01	(5,59) .220	(3,38) .133
-11	(7,37) .290	
-21	(9,14) .360	(3,30) .130
-31	(11,05) .435	

SMT LEAD STYLE	A	B
-02	(5,72) .225	(3,38) .133
-12	(7,49) .295	
-22	(9,27) .365	(3,30) .130
-32	(11,18) .440	

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