

(1.27 mm) .050"

TFC SERIES

# COST SAVING RELIABLE HEADER

## SPECIFICATIONS

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

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

**Plating:**  
Au or Sn over  
50 μm (1.27 μm) Ni

**Current Rating:**  
3.1 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)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**ALSO AVAILABLE**  
(MOQ Required)

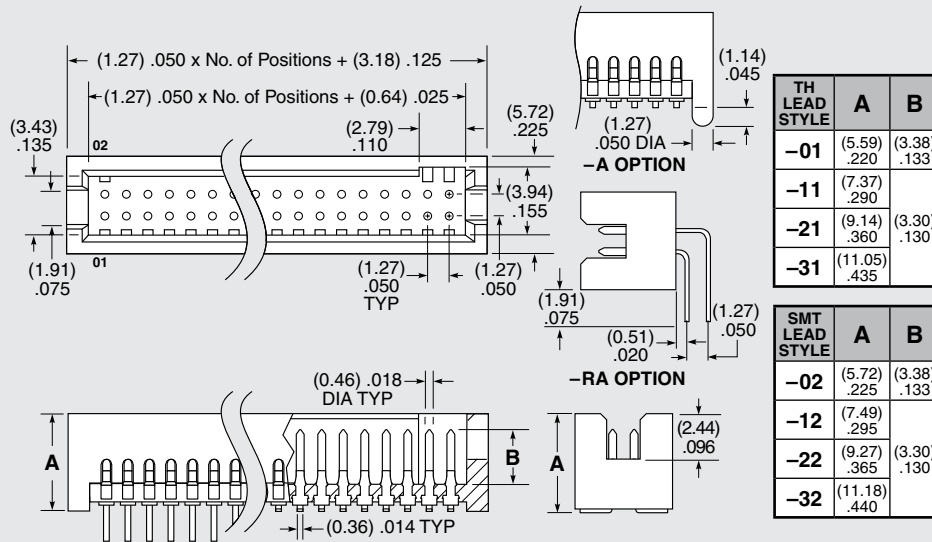
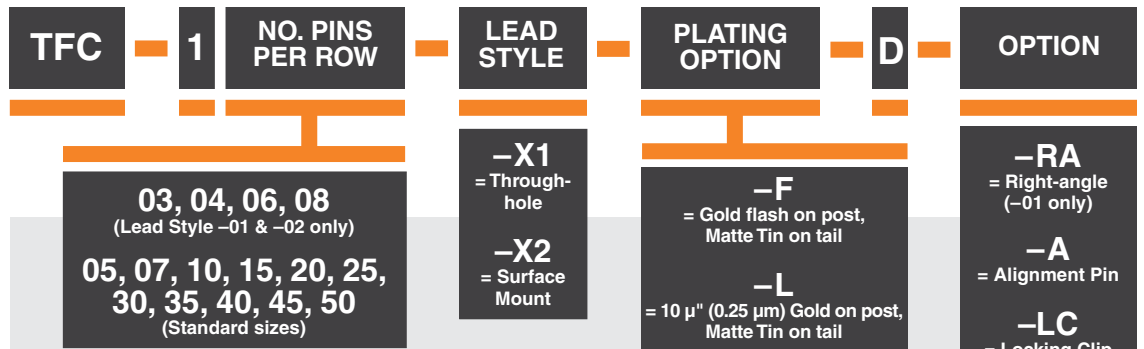
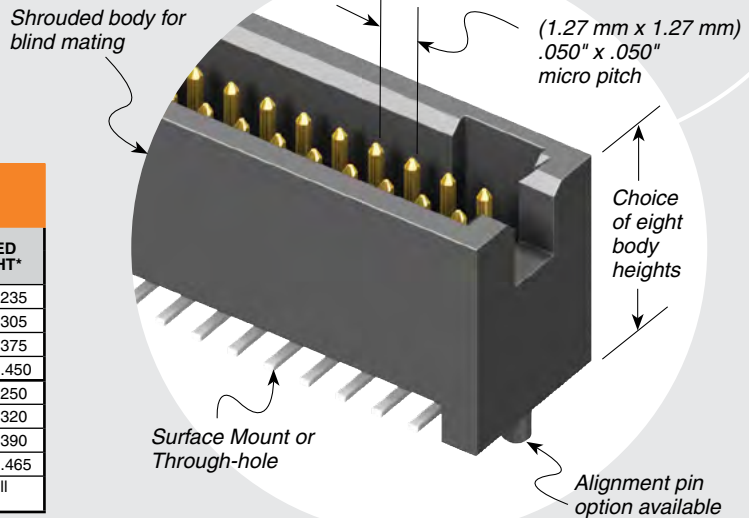
- Other sizes  
Contact Samtec.

**Board Mates:**  
SFC

**Cable Mates:**  
SFSFD, SFSDT

MATED HEIGHTS		
LEAD STYLE		MATED HEIGHT*
TFC	SFC	
-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.



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