

(1.27 mm) .050"

TFC SERIES

COST-EFFECTIVE 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
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



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.

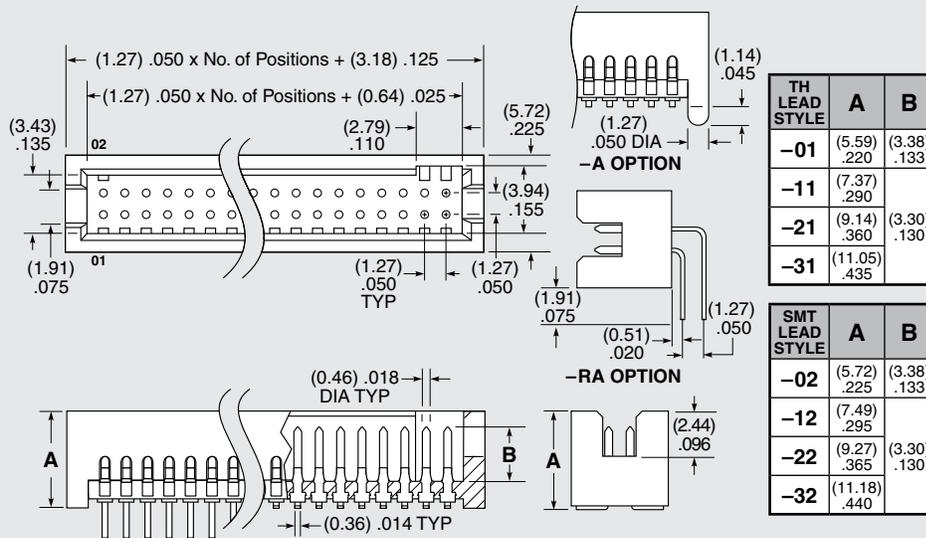
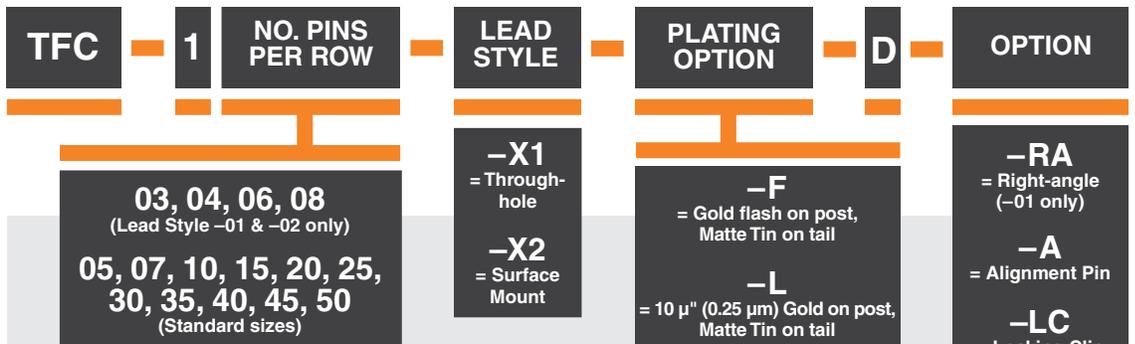
Shrouded body for blind mating

(1.27 mm x 1.27 mm)
.050" x .050"
micro pitch

Choice of eight body heights

Surface Mount or Through-hole

Alignment pin option available



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