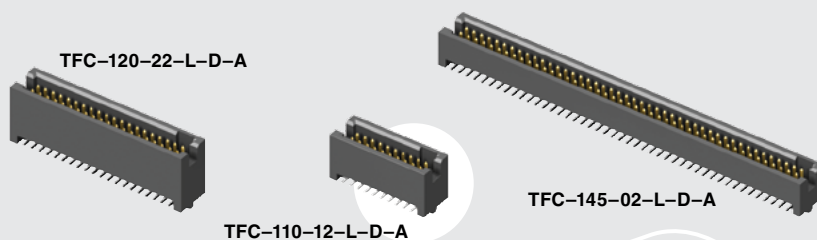




(1.27 mm) .050"



TFC SERIES

# COST-EFFECTIVE RELIABLE HEADER

## SPECIFICATIONS

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

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Au or Sn over

50  $\mu$ " (1.27  $\mu$ m) 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)



FILE NO. E111594

FILE NO. 090871\_0\_000

## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Contact Samtec.

Board Mates:  
SFC

Cable Mates:  
SFSD, SFSST

## 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.

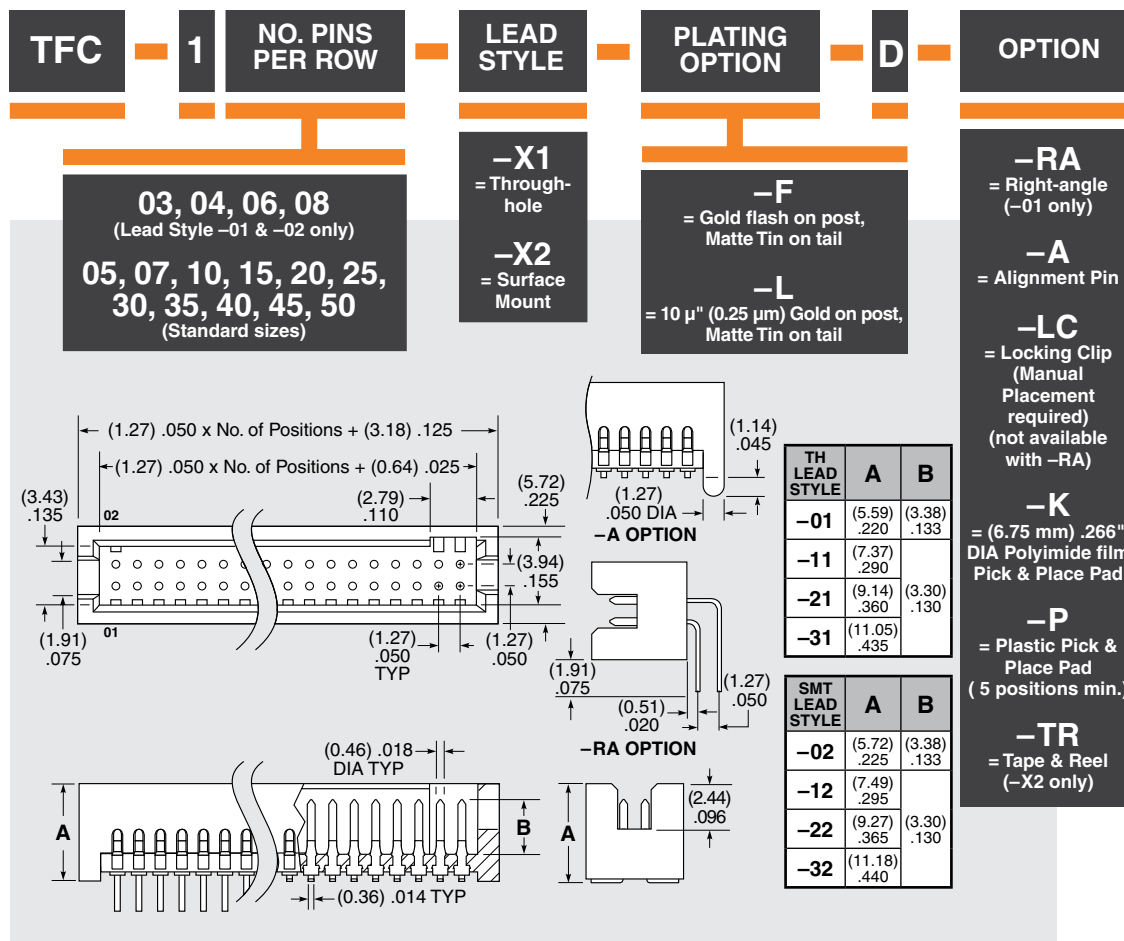
Shrouded body for blind mating

(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.

# Mouser Electronics

Authorized Distributor

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

[Samtec:](#)

[TFC-115-12-F-D-K](#) [TFC-110-22-F-D-K](#) [TFC-120-02-L-D-LC](#) [TFC-120-31-L-D-A](#) [TFC-105-02-F-D-LC](#) [TFC-120-11-F-D-LC](#) [TFC-125-02-L-D-TR](#) [TFC-105-11-L-D-A](#) [TFC-107-01-L-D-RA](#) [TFC-108-02-L-D-K](#) [TFC-105-02-F-D-TR](#) [TFC-120-11-F-D-K](#)