

(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 µ" (1.27 µm) Ni Current Pairing: 3.1 A per pin

(2 pins powered)

Voltage Rating:
350 VAC mated with SFC **Operating Temp Range:** -55 °C to +125 °C RoHS Compliant:

# Lead-Free Solderable:

SMT Lead Coplanarity: (0.10 mm) .004" max (03-25) (0.15 mm) .006" max (30-50)\* \*(.004" stencil solution may be available; contact IPG@samtec.com)

**PROCESSING** 

## **RECOGNITIONS**

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

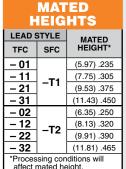


# **ALSO AVAILABLE** (MOQ Required)

· Other sizes

**Board Mates:** 

**Cable Mates:** 

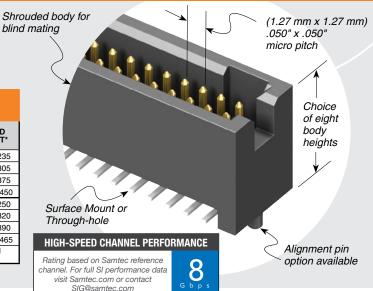


03, 04, 06, 08

(Lead Style -01 & -02 only)

05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50

(Standard sizes)



NO. PINS **LEAD** TFC PER ROW STYLE

**PLATING OPTION** 

-X1

= Through-

hole

**-X2** 

= Surface

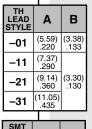
Mount

Gold flash on post

= 15 μ" (0.38 μm)

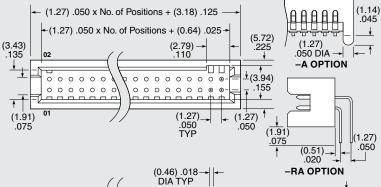
Matte Tin on tail

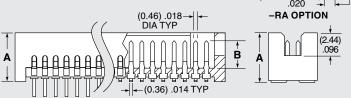
Gold on post, Matte Tin on tail



-51	.435	
SMT LEAD STYLE	A	В
-02	(5.72) .225	(3.38)
-12	(7.49) .295	
-22	(9.27) .365	(3.30) .130
-32	(11.18 .440	)

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





= Locking Clip (Manual Placement required) (not available with -RA)

-RA

= Right-angle (-01 only)

-A

= Alignment Pin

-LC

= (6.75 mm) .266" DIA

**OPTION** 

Polyimide film Pick & Place Pad

= Plastic Pick & Place Pad (5 positions min.)

–TR

= Tape & Reel (–X2 only)

= Full Reel Tape & Reel (Must order max. quantities per reel. **Contact Samtec for** parts per reel) (-X2 only)

Due to technical progress, all designs, specifications and components are subject to change without notice