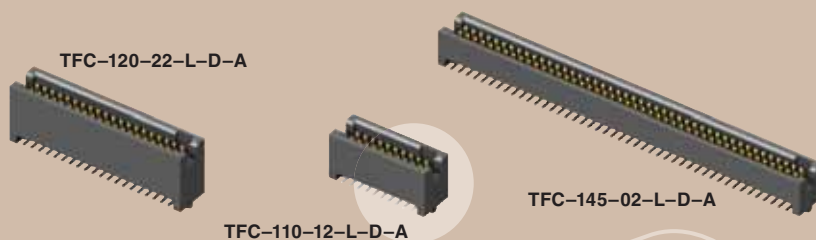




(1,27 mm) .050"

**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, SFSD, SFSdT

MATED HEIGHTS

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

RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Other sizes
- Contact Samtec.

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.

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

TFC	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OPTION
03, 04, 06, 08 (Lead Style -01 & -02 only)			-X1 = Through-hole	-F = Gold flash on post, Matte Tin on tail		-RA = Right Angle (-01 only)
05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Standard sizes)			-X2 = Surface Mount	-L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail		-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)

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	

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

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