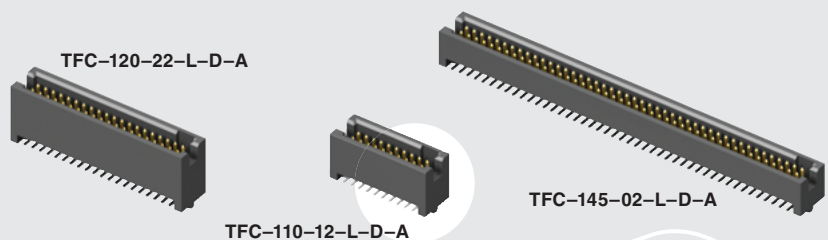


(1,27 mm) .050"



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				(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

RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Other sizes
- Contact Samtec.

TFC

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

D

OPTION

03, 04, 06, 08
(Lead Style -01 & -02 only)

05, 07, 10, 15, 20, 25, 30, 35, 40, 45, 50
(Standard sizes)

-X1
= Through-hole

-X2
= Surface Mount

-F
= Gold flash on post, Matte Tin on tail

-L
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

-RA
= Right Angle (-01 only)

-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	

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.