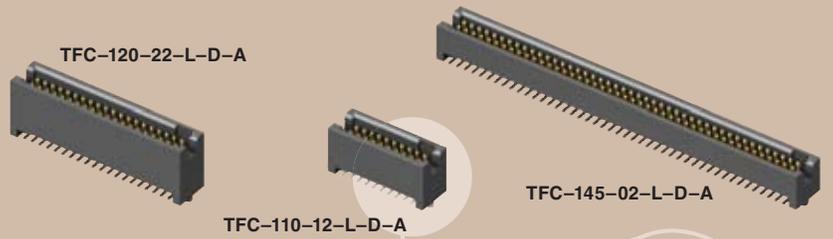




(1,27mm) .050"

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" (1,27µm) Ni

Voltage Rating:

350 VAC mated with SFC

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes



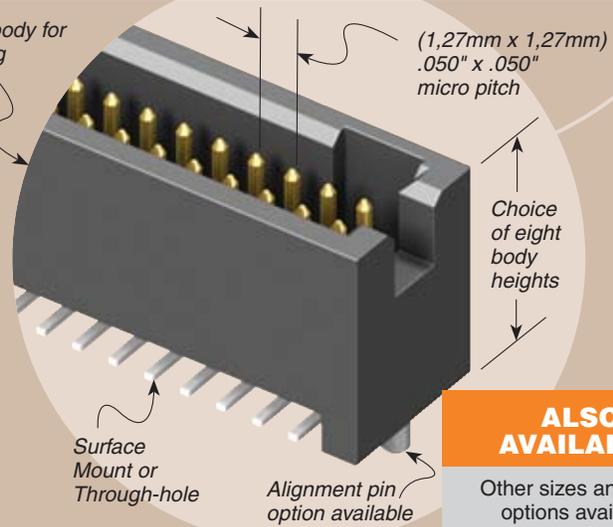
Mates with: SFC, SFSD, SFSdT

MATED HEIGHTS

LEAD STYLE	TFC	SFC	MATED HEIGHT*
-01			(5,97) .235
-11		-T1	(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



(1,27mm x 1,27mm) .050" x .050" micro pitch

Choice of eight body heights

Surface Mount or Through-hole

Alignment pin option available

ALSO AVAILABLE

Other sizes and more options available. Contact Samtec.

CURRENT RATING	
AMBIENT TEMP	SFSD/TFC
20°C	3.7A
40°C	3.4A
60°C	2.9A
95°C	1.9A

6 POSITIONS (2x3) POWERED

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (10-25)

(0,15mm) .006" max (30-50)



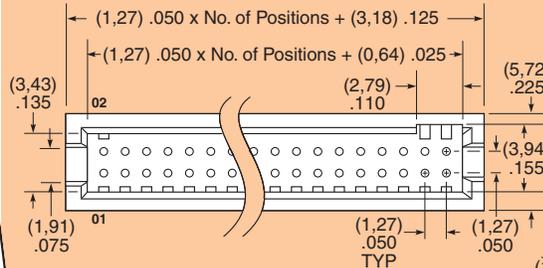
10, 15, 20, 25, 30, 35, 40, 45, 50
(Call Samtec for other sizes)

-X1 = Through-hole
-X2 = Surface Mount

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

-RA = Right Angle (-01 only)
-A = Alignment Pin
-K = (6,75mm) .266" DIA Polyimide film Pick & Place Pad

-TR = Tape & Reel (-X2 only)

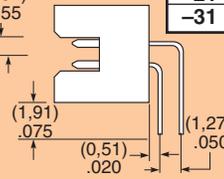
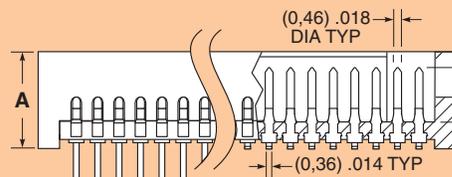


TH LEAD STYLE	A	B
-01	(5,59) .220	(3,38) .133
-11	(7,37) .290	
-21	(9,14) .360	(3,30) .130
-31	(11,05) .435	

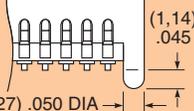
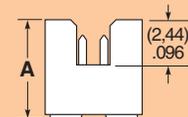
SMT LEAD STYLE	A	B
-02	(5,72) .225	(3,38) .133
-12	(7,49) .295	
-22	(9,27) .365	(3,30) .130
-32	(11,18) .440	

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.



-RA OPTION



-A OPTION

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

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

WWW.SAMTEC.COM