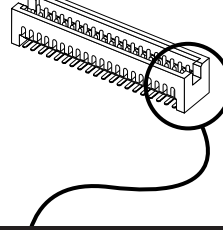




TFM-120-02-S-D



TFM-105-02-S-D



Surface
SMT
Mount
T/H
Page 135

.050" x .050" HEADERS TFM SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?TFM

Insulator Material:
Black Liquid Crystal Polymer



Terminal Material:
Phosphor Bronze



Current Rating:
2A @ 80°C ambient

Voltage Rating:
350 VAC mated with SFM

Operating Temp Range:
-65°C to +125°C

Plating:
Au over 50µ" (1,27µm) Ni

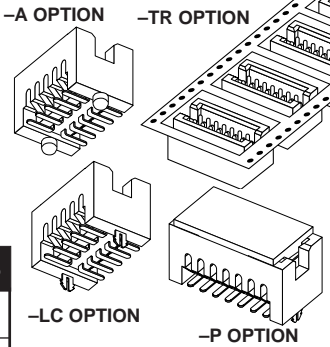
APPLICATIONS

LEAD STYLE	SFM	MATED HEIGHT
-02	-02	(6,35) .250
-12		(8,13) .320
-22		(9,91) .390
-32		(11,81) .465

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

Mates with:
SFM, SFMC

OPTIONS



Shrouded body for blind mating

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

Choice of four body heights

APPLICATION SPECIFIC OPTION

Single row available. Call Samtec.

Surface Mount

Alignment pin or locking clip options available



TFM - 1 NO. PINS PER ROW - LEAD STYLE - PLATING OPTION - D - OPTION

05, 10, 15, 20, 25, 30, 35, 40, 45, 50
(Call Samtec for other sizes)

Specify LEAD STYLE from chart

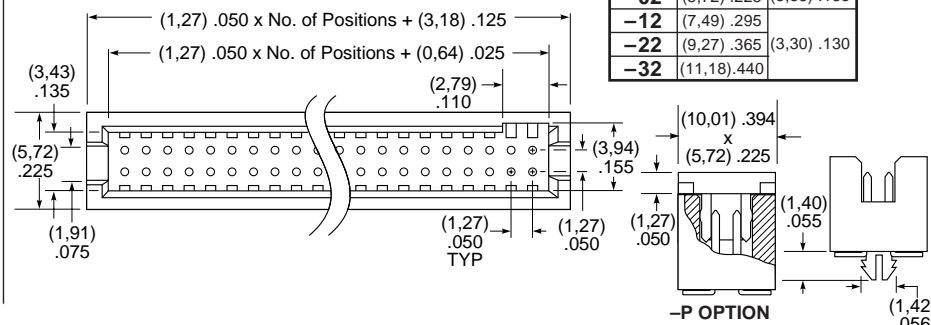
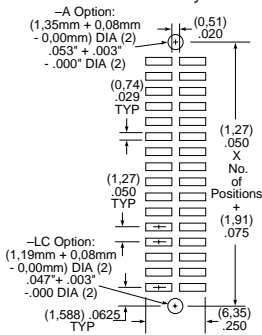
-S
= 30µ" (0,76µm) Gold post, Tin tail

- A = Alignment Pin (N/A with -LC)
- LC = Locking Clip (N/A with -A)
- K = (5,50mm) .216" DIA Polyimide Film Pick & Place Pad
- P = Plastic Pick & Place Pad
- TR = Tape & Reel

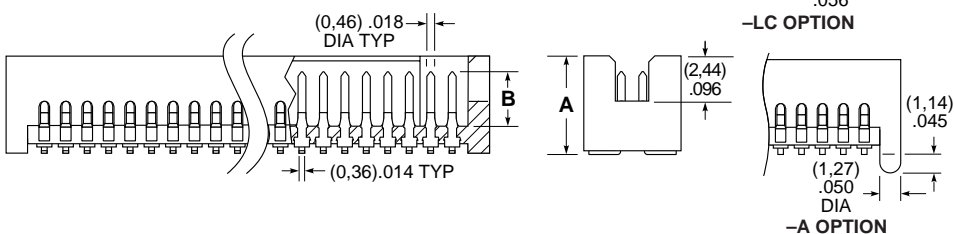
LEAD STYLE	A	B
-02	(5,72) .225	(3,38) .133
-12	(7,49) .295	
-22	(9,27) .365	(3,30) .130
-32	(11,18) .440	

Processing:

Max Processing Temp:
230°C for 60 seconds
SMT Lead Coplanarity:
(0,10mm) .004" max (05-25)
(0,15mm) .006" max (30-50)
Suggested PCB Layouts:
For reference only. Please contact Samtec or go to www.samtec.com?TFM for recommended PCB layout.



TAPE & REEL AVAILABILITY
No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications and ordering information.



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

WWW.SAMTEC.COM