

.050" X .050" MICRO STRIPS TFM SERIES

Specifications:

TFM HI-TEMP

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Current Rating:
2A @ 80°C ambient
Operating Temp Range:
-65°C to +125°C
Max Processing Temp:
230°C for 60 seconds
Plating: Au over 50µ" (1,27µm) Ni
SMT Lead Coplanarity
.006" (0,15mm) max (30-50)
.004" (0,10mm) max (05-25)

Mates with:
SFM, SFVC

Shrouded body for blind mating

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

Choice of four body heights



Mated with SFM

Impedance:
50Ω average (system @ 50Ω)
Capacitance:
0,4pF average @ 1MHz
Inductance:
7nH average
Propagation Delay:
57pS @ 1:1; 83pS @ 7:1
Cross Talk:
-26,0 dB G/S/S/G

-A OPTION

-P OPTION

-LC OPTION

-RA OPTION

-TR OPTION

Surface mount or through hole

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,
150µ" (3,81µm) Tin tail

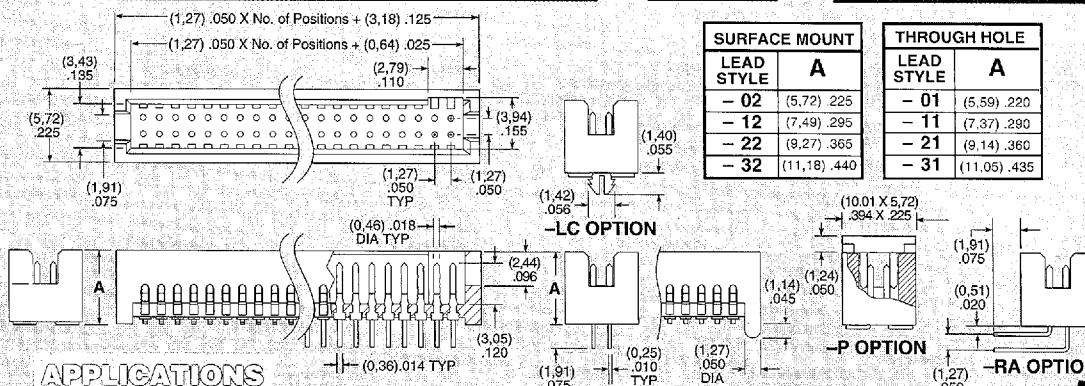
-A
= Alignment Pin
(Metal or plastic at Samtec discretion)
(Style -01 & -02 only)
(N/A with -LC or -RA)

-LC
= Locking Clip
(N/A with -A or -RA)

-P
= Pick & Place Pad

-RA
= Right Angle
(Style -01 only)

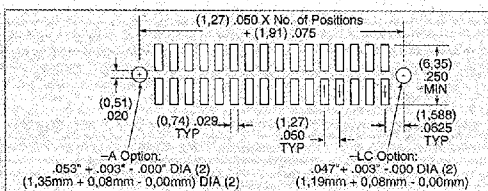
-TR
= Tape & Reel
(Surface mount only. N/A with -A or -LC)



APPLICATIONS

LEAD STYLE	MATED HEIGHT
TFM	SFM
-01	(5,97) .235
-11	(7,75) .305
-21	(9,53) .375
-31	(11,43) .450
-02	(6,35) .250
-12	(8,13) .320
-22	(9,91) .390
-32	(11,81) .465

PCB LAYOUTS



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.

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