

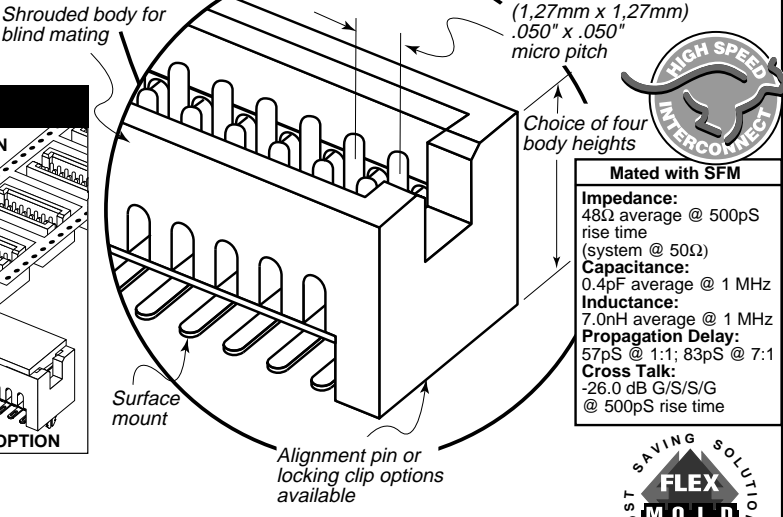
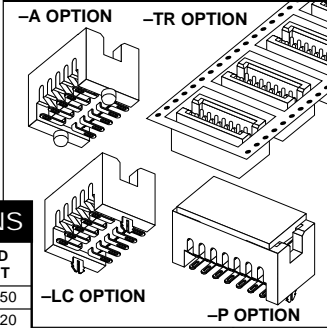
Surface Mount **SMT** T/H Page 63 **.050" x .050" HEADERS TFM SERIES**

SPECIFICATIONS

Materials:
 Insulator Material: Black Liquid Crystal Polymer
 Terminal Material: Phosphor Bronze
 Current Rating: 2A @ 80°C ambient
 Operating Temp Range: -65°C to +125°C
 Plating: Au over 50µ" (1,27µm) Ni

Mates with: SFM, SFMC

OPTIONS



Mated with SFM
 Impedance: 48Ω average @ 500pS rise time (system @ 50Ω)
 Capacitance: 0.4pF average @ 1 MHz
 Inductance: 7.0nH average @ 1 MHz
 Propagation Delay: 57pS @ 1:1; 83pS @ 7:1
 Cross Talk: -26.0 dB G/S/S/G @ 500pS rise time

APPLICATIONS

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

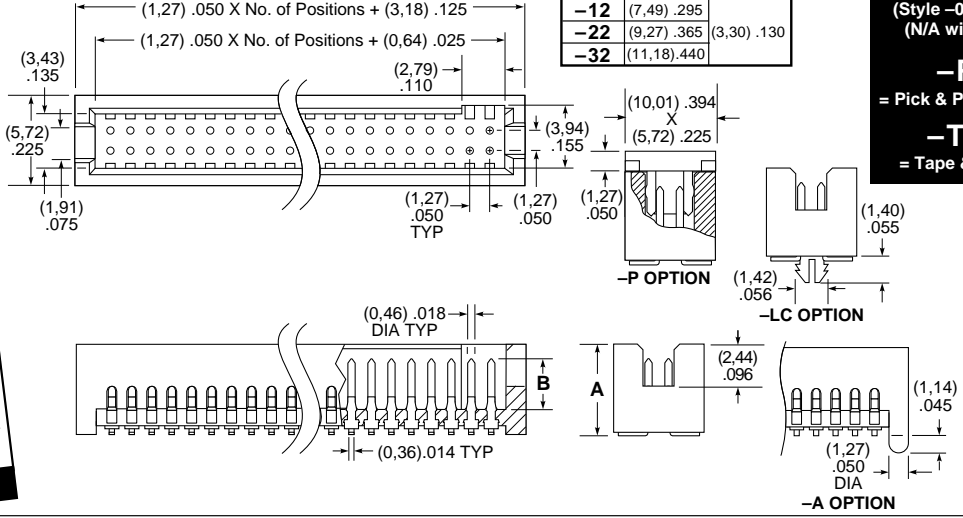
Note:
 Some sizes, styles and options are non-standard, non-returnable.

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

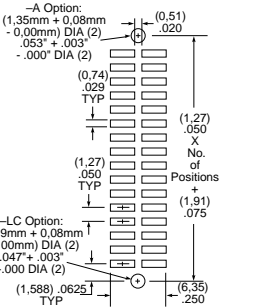
05, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Call Samtec for other sizes)
Specify LEAD STYLE from chart
-S = 30µ" (0,76µm) Gold post, 150µ" (3,81µm) Tin tail

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	

- A** = Alignment Pin (Metal or plastic at Samtec discretion) (Style -02 only) (N/A with -LC)
- LC** = Locking Clip (Style -02 only) (N/A with -A)
- P** = Pick & Place Pad
- TR** = Tape & Reel



Processing:
 Max Processing Temp: 230°C for 60 seconds
 SMT Lead Coplanarity: .006" (0,15mm) max (30-50)
 .004" (0,10mm) max (05-25)
 Suggested PCB Layouts: Your specific layout may vary



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.