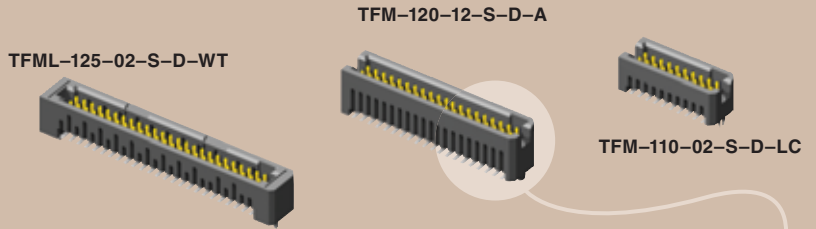




Surface
SMT
Mount

MICRO MATE HEADERS TFM, TFML SERIES



SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TFM or www.samtec.com?TFML

Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Phosphor Bronze
Plating: Au over 50µ" (1,27µm) Ni
Current Rating: 2A @ 80°C ambient
Voltage Rating: 350 VAC mated with SFM
Operating Temp Range: -55°C to +125°C
RoHS Compliant: Yes

Processing:
Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10mm) .004" max (05-25) (0,15mm) .006" max (30-50)

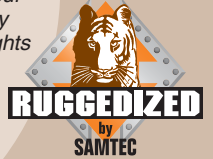
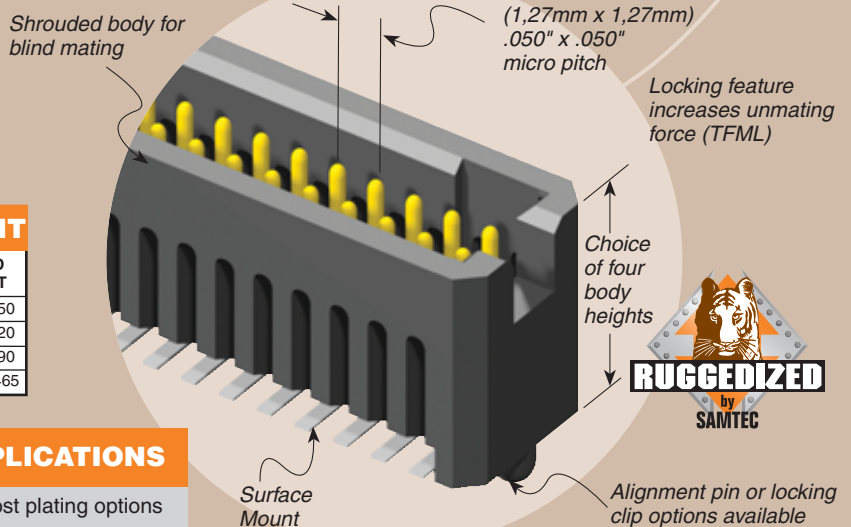
TFM Mates with: SFM, SFMC, SFSD
TFML Mates with: SFML

STACK HEIGHT

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

COST-SAVING APPLICATIONS

See TFC Series for lower cost plating options



APPLICATION SPECIFIC OPTION

TFM single row available. TFML solder nail option available. Call Samtec.

TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OPTION
TFM = Standard	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 on post, Matte Tin on 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 -WT = Weld Tabs Available on -02 Lead Style option & 05 thru 30 positions only (N/A with -A, -LC or TFML Series) Mates to SFSD -SR & -DR option

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

$(1,27) .050 \times \text{No. of Positions} + (3,18) .125$
 With -WT = $(1,27) .050 \times \text{No. of Positions} + (6,68) .263$

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.

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