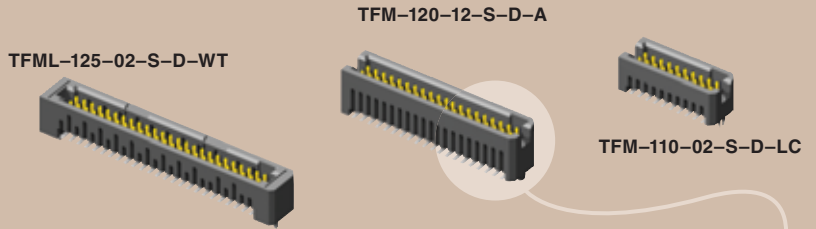




Surface
SMT
Mount

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

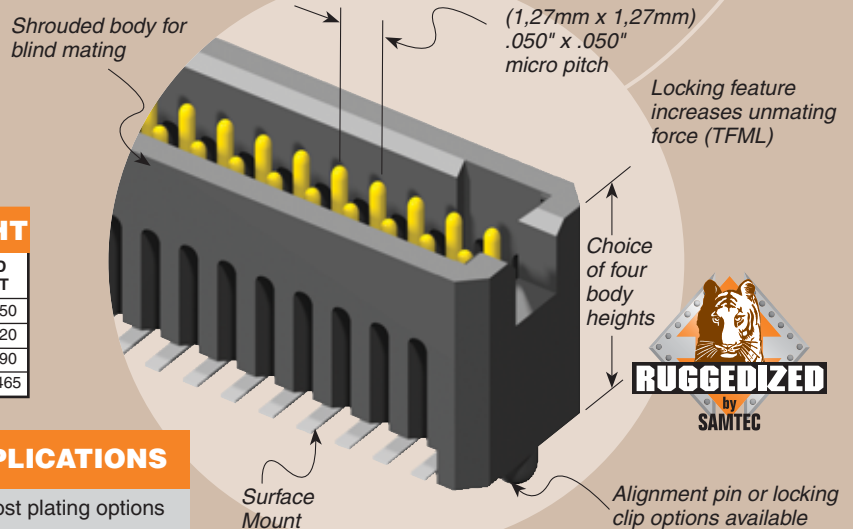
TFML Mates with: SFML

STACK HEIGHT

LEAD STYLE	SFM	MATED HEIGHT
- 02		(6,35) .250
- 12	- 02	(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

1 NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

D

OPTION

TFM
= Standard

TFML
= Locking
(Lead style -02 only.
05 positions N/A)

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

Specify **LEAD STYLE** from chart

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

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

-A
= Alignment Pin (N/A with -LC)

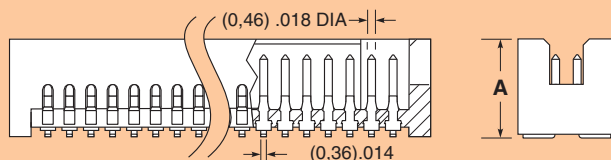
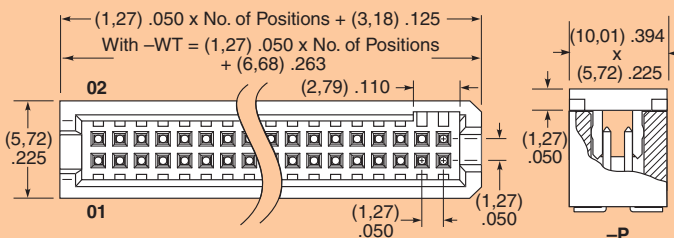
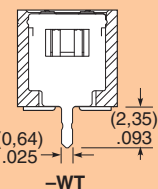
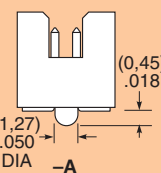
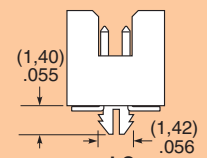
-LC
= Locking Clip (N/A with -A)

-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



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