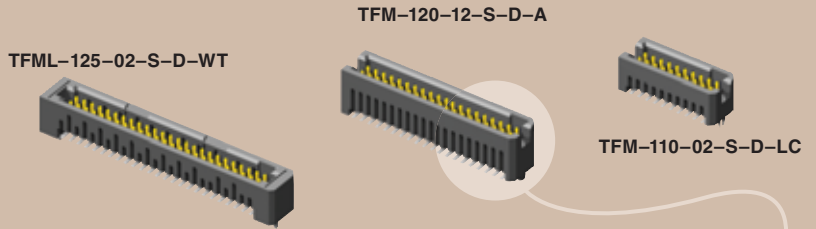




Surface
SMT
Mount

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

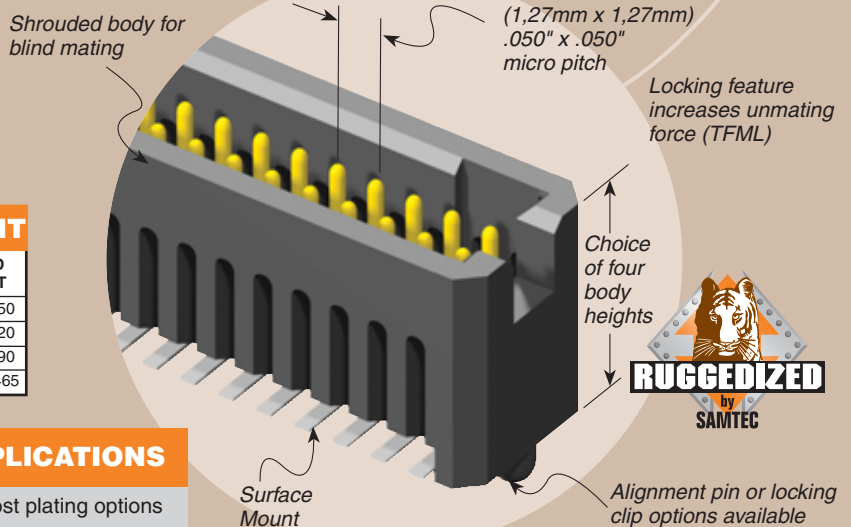
TFML Mates with: SFML

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)

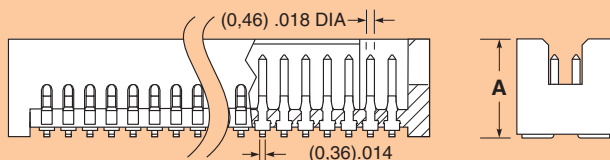
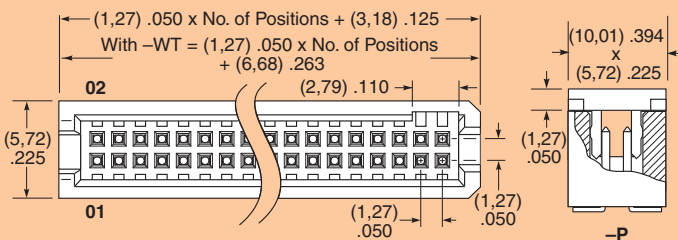
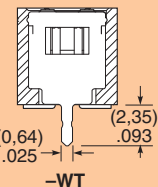
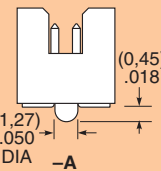
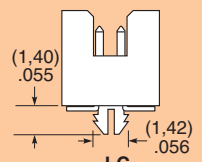
-LC
= Locking Clip
(N/A with -A)

-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



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