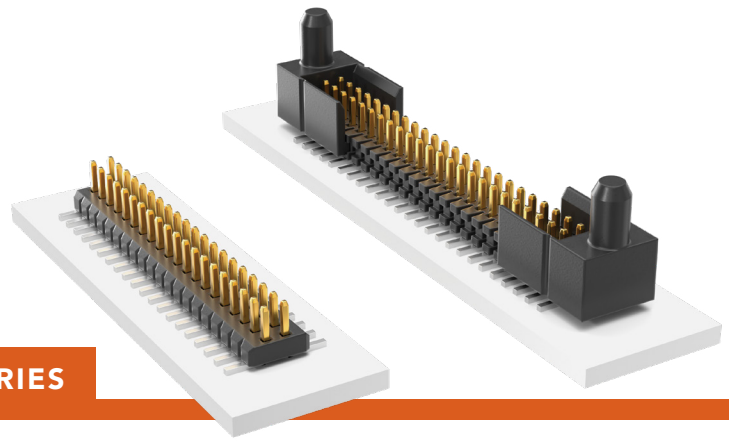


SMT MICRO TERMINAL STRIPS

(1.00 mm) .0394" PITCH • FTMH/FTM SERIES



FTMH

Mates:
CLM, MLE

FTM

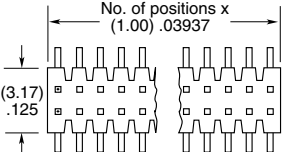
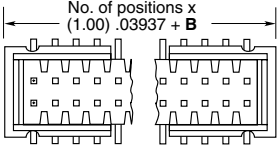
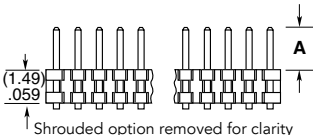
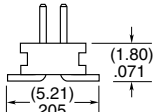
Mates:
CLM, MLE

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal
Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 μ " (1.27 μ m) Ni
Operating Temp Range:
-55 °C to +125 °C
Current Rating (FTMH/CLM):
3.1 A per pin
(2 pins powered)
Voltage Rating:
FTMH: 270 VAC /382 VDC

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
-DV: (0.10 mm) .004" max
-DH: (0.10 mm) .004" max (05-25)
(0.15 mm) .006" max (26-50)*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)

FTMH	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	FLEX SHROUD OPTION	OTHER OPTION						
		02 thru 50	-02 = (1.91 mm) .075" Post (Mates with MLE)	-F = Gold flash on post, Matte Tin on tail	-DV = Dual Vertical	(-DV only with 9 pins/row minimum)	-A = Alignment Pin (3 positions min.) Metal or plastic at Samtec discretion (-DV only)						
			-03 = (1.65 mm) .065" Post (Mates with CLM)	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	-DH = Dual Horizontal (5 positions min.)	-ES = End Shroud	-K = (2.50 mm) .098" DIA Polyimide Film Pick & Place Pad (-DH only)						
						-EC = End Shroud with Locking Clip (Manual placement required)	-P = Plastic Pick & Place Pad (6 positions min.) (-DV only)						
		 Shrouded option removed for clarity				-EP = End Shroud with Guide Post (Use only when mating with CLM)	-TR = Tape & Reel						
							-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)						
			-DV OPTION	-DH OPTION									
						<table><tr><th>LEAD STYLE</th><th>A</th></tr><tr><td>-02</td><td>(1.91) .075</td></tr><tr><td>-03</td><td>(1.65) .065</td></tr></table>	LEAD STYLE	A	-02	(1.91) .075	-03	(1.65) .065	
LEAD STYLE	A												
-02	(1.91) .075												
-03	(1.65) .065												

FTM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	DV	FLEX SHROUD OPTION	OTHER OPTION
		02 thru 50 = Unshrouded	-02 = (1.91 mm) .075" Post (Mates with MLE)	-F = Gold flash on post, Matte Tin on tail		-S = End Shroud (05 positions minimum). Molded or press-fit shroud at Samtec's discretion	-P = Plastic Pick & Place Pad (7 positions min.)
		05 thru 46 = Shrouded	-03 = (1.65 mm) .065" Post (Mates with CLM)	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail		-SA = End Shroud with Alignment Pins (05 through 46 positions)	-TR = Tape & Reel
							-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

Diagram showing top and side views of the FTM terminal strip. Dimensions include (5.21) .205 for pin pitch and (3.18) .125 for shroud width.

Diagram showing top and side views of the FTM terminal strip with a shroud. Dimensions include (5.21) .205 for shroud width and (4.44) .175 for shroud height.

OPTION	C
-S	(4.00) .157
-SA	(7.00) .276

Diagram showing top and side views of the FTM terminal strip with a shroud. Dimensions include (0.97) .038 for shroud width and D for shroud height.

Diagram showing top and side views of the FTM terminal strip with a shroud. Dimensions include (1.27) .050 for shroud width and (1.27) .050 for shroud height.

LEAD STYLE	D
-02	(1.91) .075
-03	(1.65) .065

Shrouded options removed for clarity

ALSO AVAILABLE

Contact Samtec
End shrouds with board locks
Molded end shrouds for
05 through 08 positions
Other platings



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