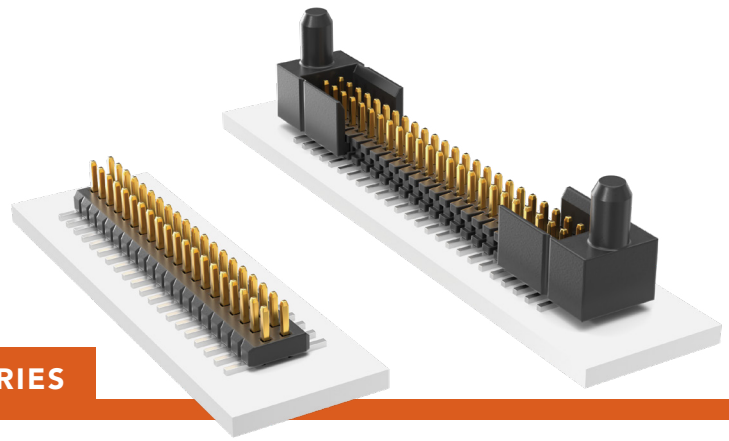


SMT MICRO TERMINAL STRIPS

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



FTMH

Mates:
CLM, MLE

FTM

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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

Current Rating (FTMH/CLM):

3.1 A per pin
(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

Voltage Rating:

FTMH: 270 VAC /302 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)

ALSO AVAILABLE

MOQ Required

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.

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 μ m) 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)
						-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)

OPTION	B
-ES	(1.57) .062
-EC	(4.06) .160
-EP	(5.49) .216

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 μ m) 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)

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

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