

SMT MICRO TERMINAL STRIPS

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



FTMH
Mates:
CLM, MLE

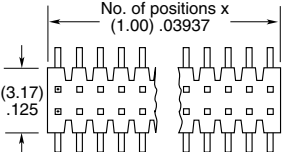
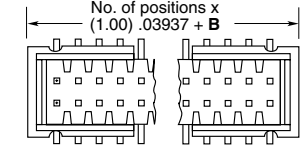
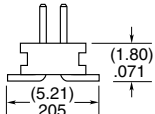
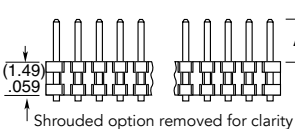
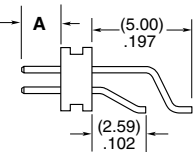
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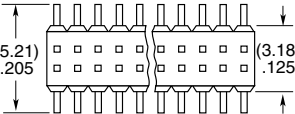
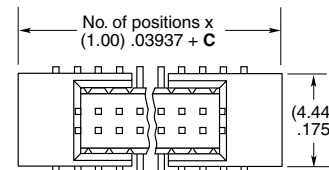
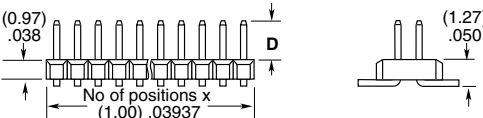
SPECIFICATIONS

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 $^{\circ}$ C to +125 $^{\circ}$ 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 μm (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)									
						-EP = End Shroud with Guide Post (Use only when mating with CLM)	-P = Plastic Pick & Place Pad (6 positions min.) (-DV only)								
							-TR = Tape & Reel								
							-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)								
			<table><tr><th>OPTION</th><th>B</th></tr><tr><td>-ES</td><td>(1.57) .062</td></tr><tr><td>-EC</td><td>(4.06) .160</td></tr><tr><td>-EP</td><td>(5.49) .216</td></tr></table>		OPTION	B	-ES	(1.57) .062	-EC	(4.06) .160	-EP	(5.49) .216			
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			-DV OPTION		-DH OPTION										

FTM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	DV	FLEX SHROUD OPTION	OTHER OPTION						
		02 thru 50 = Unshrouded 05 thru 46 = Shrouded	-02 = (1.91 mm) .075" Post (Mates with MLE) -03 = (1.65 mm) .065" Post (Mates with CLM)	-F = Gold flash on post, Matte Tin on tail -L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail		-S = End Shroud (05 positions minimum). Molded or press-fit shroud at Samtec's discretion -SA = End Shroud with Alignment Pins (05 through 46 positions)	-P = Plastic Pick & Place Pad (7 positions min.) -TR = Tape & Reel -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)						
			<table><thead><tr><th>OPTION</th><th>C</th></tr></thead><tbody><tr><td>-S</td><td>(4.00) .157</td></tr><tr><td>-SA</td><td>(7.00) .276</td></tr></tbody></table>					OPTION	C	-S	(4.00) .157	-SA	(7.00) .276
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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.