

HORIZONTAL & MODIFIED HEADERS

(2.00 mm) .0787" PITCH • MMT/MTMM SERIES



MMT/MTMM

Board Mates:

CLT, SQT*, SQW, ESQT,
TLE, SMM, MMS

Cable Mates:

TCSD

*Important Note:

SQT will not mate to the
MMT -02 lead style.

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over
50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 $^{\circ}$ C to +105 $^{\circ}$ C with Tin;
-55 $^{\circ}$ C to +125 $^{\circ}$ C with Gold

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity (MMT):

(0.10 mm) .004" max (02-25)

(0.15 mm) .006" max (26-36)*

*(.004" stencil solution
may be available; contact
ipg@samtec.com)

MMT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
		02 thru 36				
			-01 = (3.20 mm) .126" post	-F = Gold flash on post, Matte Tin on tail	-SH = Single Row	-K = (4.00 mm) .157" DIA Polyimide Film Pick & Place Pad (3 positions min.)
			-02 = (4.45 mm) .175" post	-L = 10 μ " (0.25 μ m) Gold post, Matte Tin on tail	-DH = Double Row	-P = Pick & Place Pad (2 positions min.)
				-T = Matte Tin	-MT = Double Row Mixed Technology	-XXX = Polarized Position Specify position of omitted pin
						-TR = Tape & Reel
						-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

Diagram Dimensions:

- Top view: No. of positions x (2.00) .0787
- Side view: (2.00) .0787, (4.00) .157, (2.00) .0787
- Lead styles: -SH, -DH, -MT, -01, -02, -L, -T
- Post dimensions: (2.79) .110, (6.22) .245, (2.54) .100

ALSO AVAILABLE
Contact Samtec

Alignment pins
Locking clips
Molded pick & place pads

MTMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT	OPTION
		01 thru 50					
			Specify LEAD STYLE from chart	-F = Gold flash on post, Matte Tin on tail	-S = Single Row	-XXX = Post Height in inches (0.13 mm) .005" increments	-XXX = Polarized Position Specify position of omitted pin
				-L = 10 μ " (0.25 μ m) Gold post, Matte Tin on tail	-D = Double Row	Example: -070 = (1.78 mm) .070"	
				-T = Matte Tin	-Q = Quad Row		

Diagram Dimensions:

- Top view: No. of positions x (2.00) .0787
- Side view: (2.00) .0787, (3.94) .155, (8.00) .315
- Lead styles: -S, -D, -Q
- Post dimensions: (1.50) .059, (0.00) .000 MIN

Note:

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