# LOW PROFILE SMT HEADER

## (2.00 mm) .0787" PITCH • TMM SERIES

**8 Gbps**
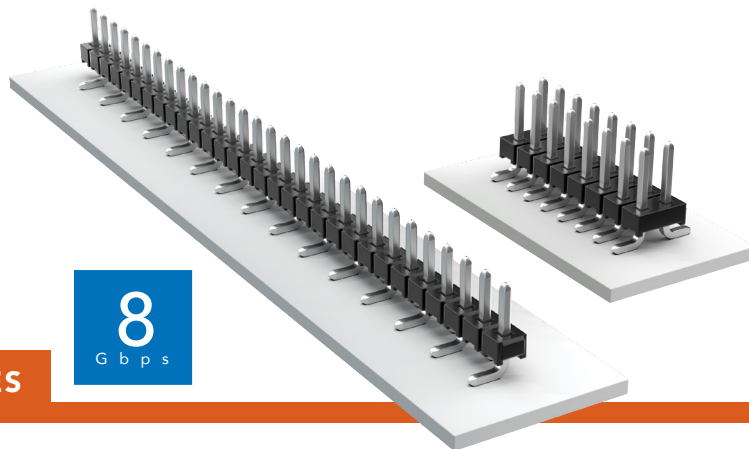
## TMM

**Board Mates:**
CLT, SQT, SQW, ESQT, TLE, SMM, MMS

**Cable Mates:**
TCSD

### SPECIFICATIONS

**Insulator Material:**
Black Liquid Crystal Polymer
**Terminal Material:**
Phosphor Bronze
**Plating:**
Sn or Au over
50 µ" (1.27 µm) Ni
**Operating Temp Range:**
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
**Current Rating:**
3.3 A per pin
(2 pins powered)
**Voltage Rating:**
281 VAC/397 VDC
mated with SQW;
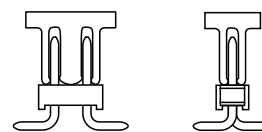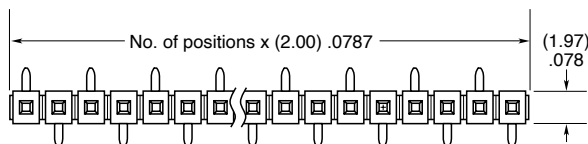250 VAC/354 VDC
mated with SQT;
375 VAC/530 VDC
mated with SMM

### PROCESSING

**Lead–Free Solderable:**
Yes
**SMT Lead Coplanarity:**
(0.15 mm) .006" max*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)

### ALSO AVAILABLE
Contact Samtec

Other plating

**10 YEAR MFG WITH 30 µ" GOLD**
**EXTENDED LIFE PRODUCT**
**HIGH MATING CYCLES**

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

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| TMM | – | 1 | NO. PINS PER ROW | – | LEAD STYLE | – | PLATING OPTION | – | ROW OPTION | – | SM | – | OTHER OPTION |

**NO. PINS PER ROW:** 02 thru 40

**LEAD STYLE:** Specify LEAD STYLE from chart

**PLATING OPTION:**
–F = Gold flash on post, Matte Tin on tail
–L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail
–T = Matte Tin

**ROW OPTION:**
–S = Single Row
–D = Double Row

**OTHER OPTION:**
–A = Alignment Pin (Metal or plastic at Samtec's discretion) (5 positions minimum) (–D only)

–"XXX" = Polarized Position (Specify position of omitted pin)

–P = Pick & Place Pad (3 positions minimum)

–TR = Tape & Reel (3 thru 36 positions only)

–FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (3 thru 36 positions only)
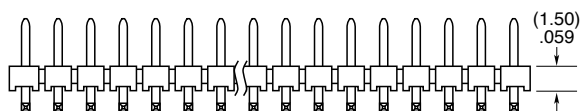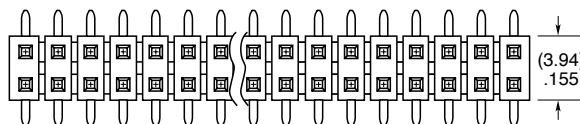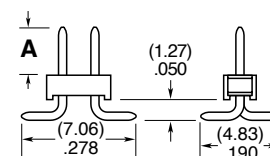
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No. of positions x (2.00) .0787 — (1.97) .078

(3.94) .155

(1.50) .059

-P

| LEAD STYLE | A | MATES WITH |
|---|---|---|
| –01 | (3.20) .126 | SQT, SQW, ESQT, TLE, SMM, MMS, TCSD |
| –04 | (1.91) .075 | CLT |
| –05 | (1.65) .065 | CLT |
| –06 | (4.27) .168 | CLT-BE |

A | (1.27) .050

(7.06) .278 — (4.83) .190

-D          -S