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
Current Rating:
3.2 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
Voltage Rating:
281 VAC mated with SQW;
250 VAC mated with SQT

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

Other plating
(MOQ Required)

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

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

Part Number Builder

| 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
–S = 30 µ" (0.76 µm) Gold on post, Matte Tin on tail
–T = Matte Tin

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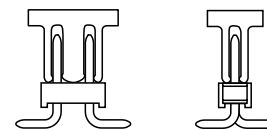–S = Single Row
–D = Double Row

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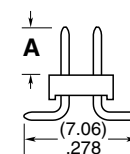
–TR = Tape & Reel (3 thru 36 positions only)

–FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (3 thru 36 positions only)

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

(7.06) .278   **-D**

(4.83) .190   **-S**

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