samtec

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

TMM–130–05–L–S–SM

TMM–110–01–S–D–SM

TMM–112–01–F–S–SM

(2.00 mm) .0787"

TMM SERIES

LOW-PROFILE SMT HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?TMM
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:
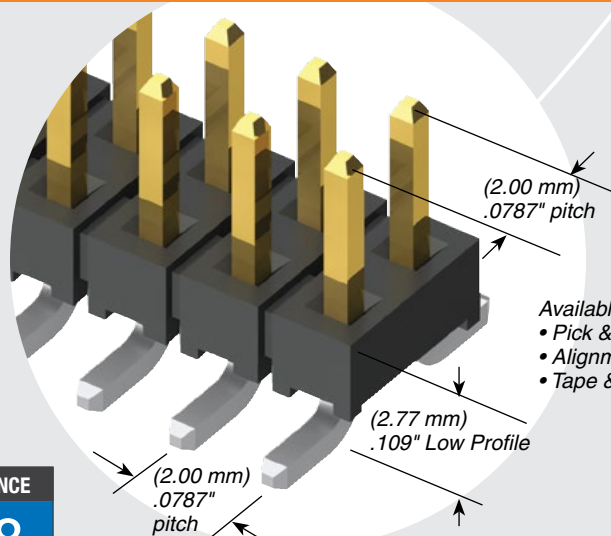281 VAC mated with SQW;
250 VAC mated with SQT
RoHS Compliant:
Yes

PROCESSING

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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality
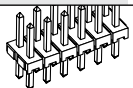
UL FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

• Other platings

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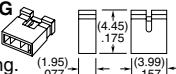Some sizes, styles and options are non-standard, non-returnable.

Other Solutions

Through-hole

2 mm Shunt
Specify
2SN–BK–G
for 2 mm shunt with Gold plating.

(4.45) .175
(1.95) .077
(3.99) .157

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

Cable Mates:
TCSD

(2.00 mm) .0787" pitch

Available with optional
• Pick & place pads
• Alignment pins
• Tape & reel packaging

(2.77 mm) .109" Low Profile

(2.00 mm) .0787" pitch

HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

8 Gbps

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

02 thru 40

Specify LEAD STYLE from chart below.

–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

–S = Single Row

–D = Double Row

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

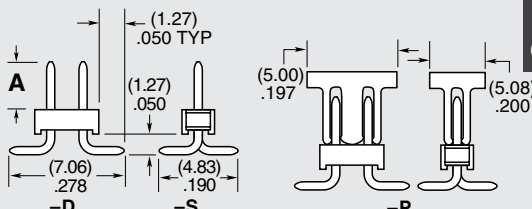**–"XXX"** = Polarized Position (Specify position of omitted pin)

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

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

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

No. of positions x (2.00) .0787
01
40
(1.97) .078

02
80
01
79
(3.94) .155
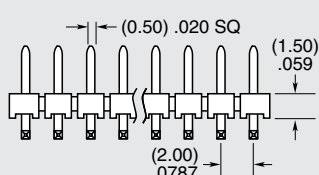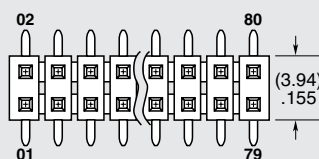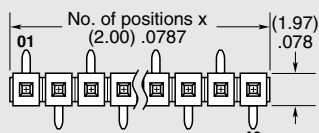
LEAD STYLE	A	MATES WITH
–01	(3.20) .126	SQT, SQW, ESQT, TLE, SMM, MMS, TCSD
–04	(1.91) .075	CLT
–05	(1.65) .065	CLT
–06	(4.27) .168	CLT-BE

(0.50) .020 SQ
(1.50) .059
(2.00) .0787

(1.27) .050 TYP
A
(1.27) .050
(7.06) .278
(4.83) .190
–D   **–S**

(5.00) .197
(5.08) .200
–P

Due to technical progress, all designs, specifications and components are subject to change without notice.

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

Mouser Electronics

Authorized Distributor

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