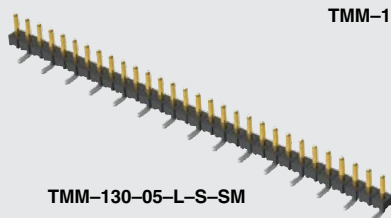




(2.00 mm) .0787"



TMM-112-01-F-S-SM

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:

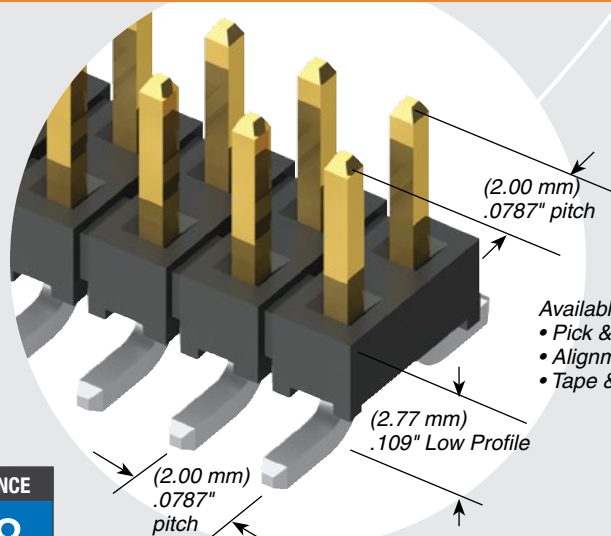
Yes

Board Mates:

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

Cable Mates:

TCSD



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

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



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

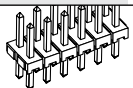
- Other platings

Note:

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

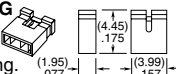
Other Solutions

Through-hole



2 mm Shunt

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



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

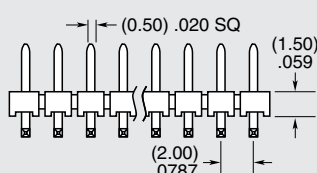
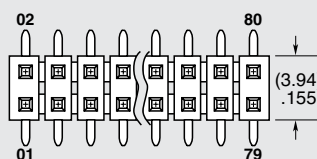
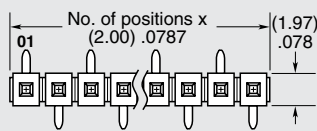
—A
= Alignment Pin
(Metal or plastic at
Samtec's discretion)
(5 positions minimum)
(—D only)

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

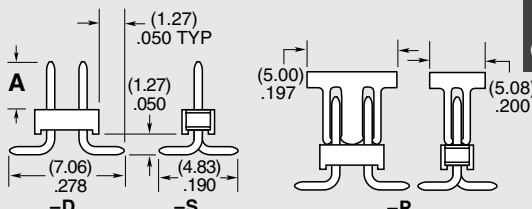
—P
= Pick & Place Pad
(3 positions minimum)

—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)



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



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

WWW.SAMTEC.COM

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.