

Surface
SMT
Mount

2mm HEADER TMM SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?TMM

Insulator Material: Black Liquid Crystal Polymer



Terminal Material: Phosphor Bronze



Operating Temp Range: -65°C to +105°C with Tin; -65°C to +125°C with Gold Plating

Voltage Rating: 500 VAC mated with SQW 450 VAC mated with SQT

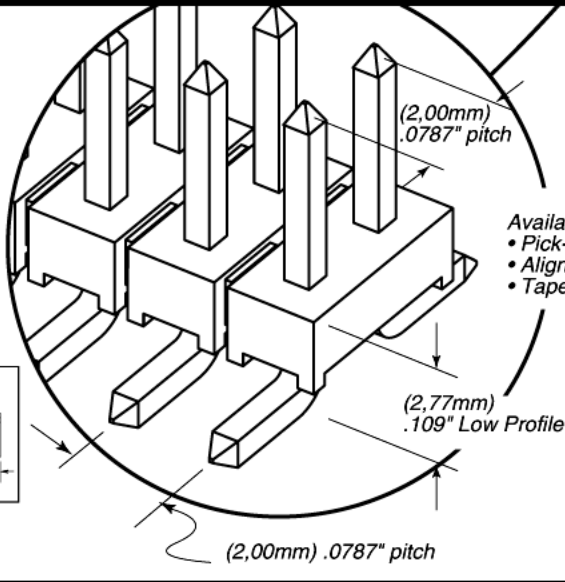
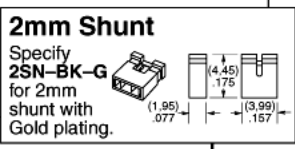
Plating: Sn or Au over 50µ" (1,27µm) Ni

Current Rating: 500 VAC mated with SQW 450 VAC mated with SQT

AMBIENT TEMP	CURRENT RATING	
	Mated with SQT	Mated with CLT
20°C	5.5A	4.8A
40°C	5A	4.4A
60°C	4A	3.6A
80°C	3A	3A

Mates with: CLT, SQT, SQW, ESQT, TLE, SMM, MMS, TCSD

ALSO AVAILABLE

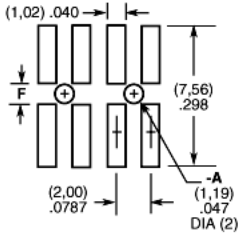


- Available with optional
- Pick-and-place pads
 - Alignment pins
 - Tape & reel packaging

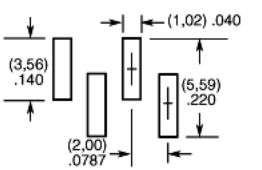


Note: Some lengths, styles and options are non-standard, non-returnable.

Processing:
Max Processing Temp: 230°C for 60 seconds
SMT Lead Coplanarity: (0,15mm) .006" max
Suggested PCB Layouts: For reference only. Please contact Samtec or go to www.samtec.com?TMM for recommended PCB layout.



OPTION	F
NONE	(0,97) .038
-A	(1,14) .045



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

02 thru 40

Specify Lead Style from chart below.

LEAD STYLE	A	MATES WITH
-01	(3,20) .126	SQT, SQW, ESQT, TLE, SMM, MMS, TCSD
-04	(1,91) .075	
-05	(1,65) .065	CLT
-06	(4,27) .168	CLT-BE

-G
= 20µ" (0,51µm)
Gold on contact area
Gold flash on tail

-S
= 30µ" (0,76µm)
Gold on contact area,
Tin on tail

-L
= 10µ" (0,25µm)
Gold on contact area,
Tin on tail

-T
= Tin

-S
= Single Row

-D
= Double Row

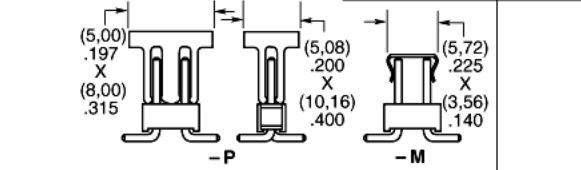
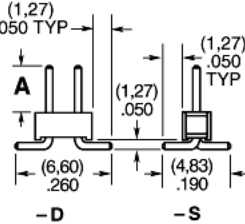
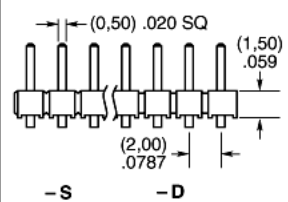
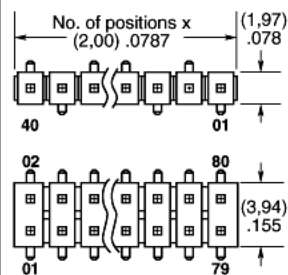
-“XXX”
= Polarized Position
Specify position of omitted pin

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

-M
= Metal Pick & Place Pad
(4 positions minimum)
(-D only)

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

-TR
= Tape & Reel Pkg.
(3 positions minimum)



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

WWW.SAMTEC.COM