

Surface  
**SMT**  
Mount

# 2mm HEADER TMM SERIES

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TMM](http://www.samtec.com?TMM)

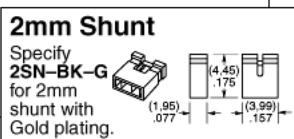
**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Plating:** Sn or Au over 50µ" (1.27µm) Ni  
**Operating Temp Range:** -55°C to +105°C with Tin; -55°C to +125°C with Gold  
**Voltage Rating:** 500 VAC mated with SQW 450 VAC mated with SQT



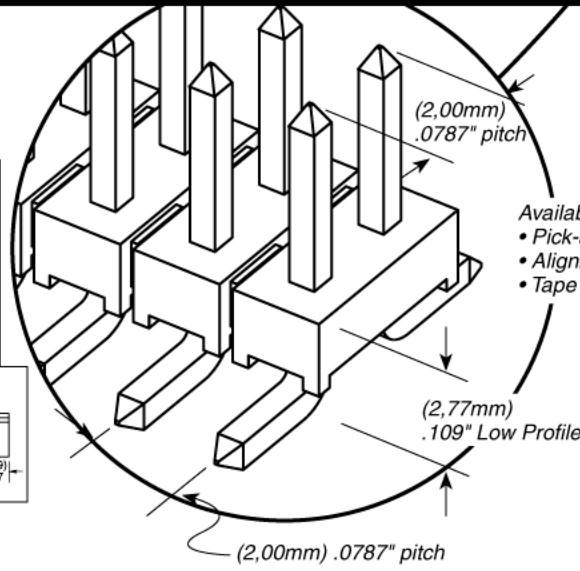
CURRENT RATING		
AMBIENT TEMP	Mated with	
	SQT	CLT
20°C	5.5A	3.7A
40°C	5A	3.3A
60°C	4A	2.9A
80°C	3A	2.4A

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

## ALSO AVAILABLE



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

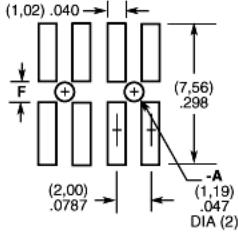


Available with optional  
 • Pick-and-place pads  
 • Alignment pins  
 • Tape & reel packaging

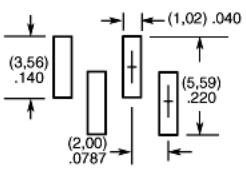


## Processing:

**Max Processing Temp:** 230°C for 60 seconds, or 260°C for 20 seconds 3x with all Au or Matte Sn  
**Lead-Free Solderable:** Yes, with all Au or Matte Sn  
**SMT Lead Coplanarity:** (0,15mm) .006" max  
**Suggested PCB Layouts:** For reference only. Please contact Samtec or go to [www.samtec.com?TMM](http://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.

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

**-S**  
= Single Row  
**-D**  
= Double Row

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

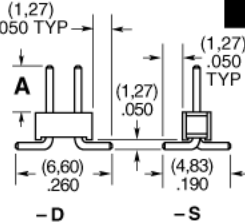
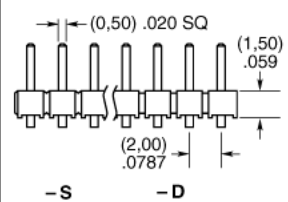
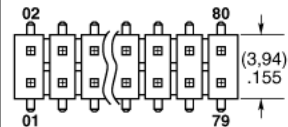
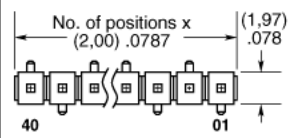
**-A**  
= Alignment Pin (Metal or plastic at Samtec's discretion) (5 positions minimum) (-D only)

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

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

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

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



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

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