

Surface
SMT
Mount

2mm HEADER TMM SERIES

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 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

RoHS Compliant:
Yes

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

Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x

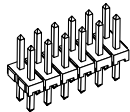
Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0,15mm) .006" max

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

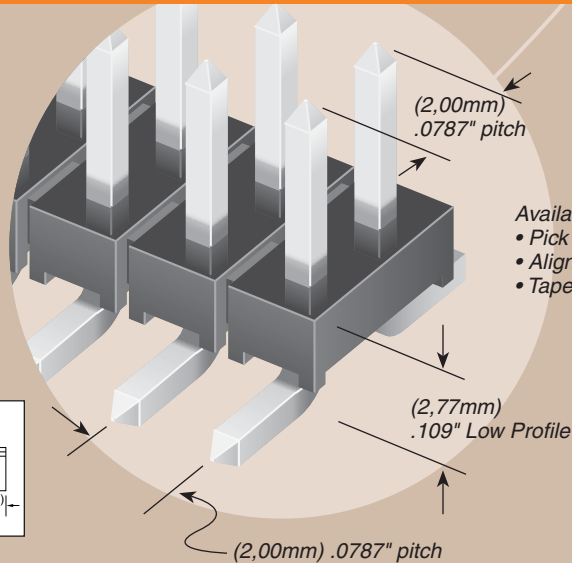
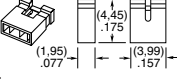
ALSO AVAILABLE

Through-Hole



2mm Shunt

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



Available with optional
• Pick & Place Pads
• Alignment pins
• Tape & reel packaging

TMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	SM	OTHER OPTION
		02 thru 40	Specify LEAD STYLE from chart below.	-L = 10µ" (0,25µm) Gold on contact area, Matte Tin on tail -G = 20µ" (0,51µm) Gold on contact area, Gold flash on tail -T = Matte Tin -S = 30µ" (0,76µm) Gold on contact area, Matte Tin 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) (-T plating not available) (-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

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

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

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