

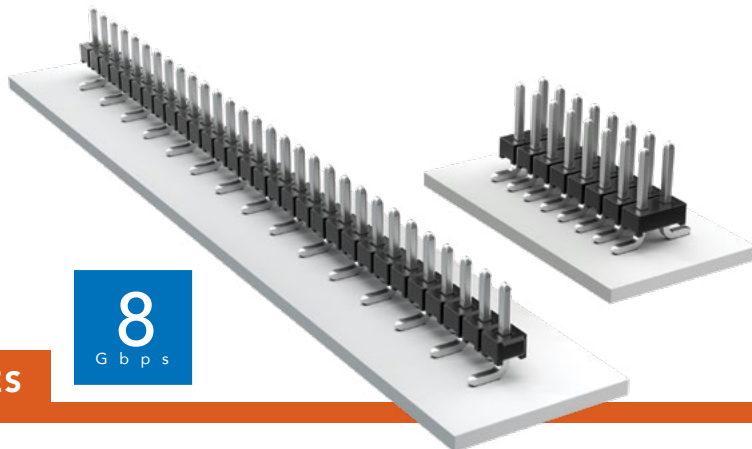


**THE DATASHEET OF  
TMM-103-06-F-S-SM-P-TR**



# LOW PROFILE SMT HEADER

(2.00 mm) .0787" PITCH • TMM SERIES



## TMM

### Board Mates:

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

### Cable Mates:

TCSD

## SPECIFICATIONS

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Sn or Au over

50  $\mu$ " (1.27  $\mu$ m) 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

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max\*

\*(.004" stencil solution

may be available; contact

ipg@samtec.com)

## ALSO AVAILABLE

Other plating  
(MOQ Required)



TMM	-	1	-	NO. PINS PER ROW	-	LEAD STYLE	-	PLATING OPTION	-	ROW OPTION	-	SM	-	OTHER OPTION
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02 thru 40

Specify LEAD STYLE from chart

**-F**  
= Gold flash on post, Matte Tin on tail

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m) Gold on post, Matte Tin on tail

**-S**  
= 30  $\mu$ " (0.76  $\mu$ m) Gold on post, Matte Tin on tail

**-T**  
= Matte Tin

**-S**  
= Single Row

**-D**  
= Double Row

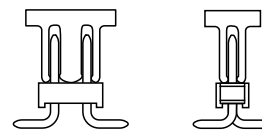
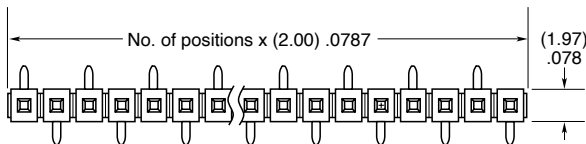
**-A**  
= Alignment Pin (Metal or plastic at Samtec's discretion) (5 positions minimum) (-D only)

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

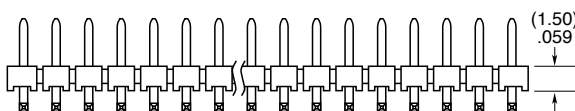
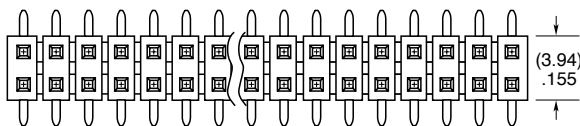
**-P**  
= Pick & Place Pad (3 positions minimum)

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

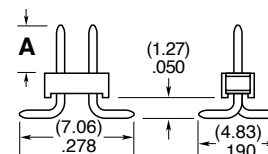
**-FR**  
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (3 thru 36 positions only)



-P



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	
-06	(4.27) .168	CLT-BE





-D

-S

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

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View TMM-103-06-F-S-SM-P-TR on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management