

Surface  
**SMT**  
Mount

# 2mm HORIZONTAL MMT SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MMT](http://www.samtec.com?MMT)

**Insulator Material:**  
Black Liquid Crystal Polymer



**Terminal Material:**  
Phosphor Bronze

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

**Current Rating:**  
3A @ 80°C ambient

**Operating Temp Range:**  
-55°C to +105°C with Tin;  
-55°C to +125°C with Gold

**RoHS Compliant:**  
Yes

### Processing:

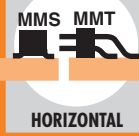
**Max Processing Temp:**  
230°C for 60 seconds, or  
260°C for 20 seconds 3x

**Lead-Free Solderable:**  
Yes

**SMT Lead Coplanarity:**  
(0,10mm) .004" max (02-25)  
(0,15mm) .006" max (26-36)

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

### APPLICATIONS



### APPLICATION SPECIFIC OPTIONS

Alignment pins, locking clips, and molded Pick & Place Pads available. Call Samtec.

Available with optional Pick & Place Pads

See TMM Series for vertical 2mm SMT

Single or double row

(2,00mm) .0787" pitch

Surface Mount and Mixed Technology options

MMT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
		<b>02 thru 36</b>				
		<p>-SH</p>	<p><b>-01</b> = (3,20) .126 post</p> <p><b>-02</b> = (4,45) .175 post</p>	<p><b>-S</b> = 30µ" (0,76µm) Gold on post, Matte Tin on tail</p> <p><b>-T</b> = Matte Tin</p>	<p><b>-SH</b> = Single Row</p> <p><b>-DH</b> = Double Row</p> <p><b>-MT</b> = Double Row Mixed Technology</p>	<p><b>-K</b> = (4,00mm) .157" DIA Polyimide Film Pick &amp; Place Pad (3 positions minimum)</p> <p><b>-P</b> = Pick &amp; Place Pad (2 positions minimum)</p> <p><b>-"XXX"</b> = Polarized Position Specify position of omitted pin</p> <p><b>-TR</b> = Tape &amp; Reel Packaging</p>
		<p>-DH</p>				
		<p>-MT</p>				
		<p>-DH</p>				
		<p>-MT</p>				
		<p>-SH</p>				
		<p>-DH</p>				
		<p>-MT</p>				
		<p>-SH</p>				

**TAPE & REEL AVAILABILITY**  
No tooling charges.  
125 piece minimum order.  
Order any quantity above minimum.  
In-house design, manufacture.  
Quick turn-around.  
Call Samtec for specifications and ordering information.

**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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