



# 2mm BOX SOCKET MMS SERIES

## SPECIFICATIONS

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

**Insulator Material:** Black LCP

**Contact Material:** Phosphor Bronze

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

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

**Contact Resistance:** 10 mΩ max

**Current Rating:** 2A @ 80°C ambient

**Insertion Depth:**  
DH = (2,13mm) .084" to (2,79mm) .110", SH= (2,13mm) .084" minimum or pass-through  
Top Entry DV/SV= (2,13mm) .084" to (4,32mm) .170"  
Bottom Entry DV/SV= (4,27) .168" minimum (Plus board)

**Insertion Force:** (Single contact only)  
3.7oz (1,03N) avg.

**Withdrawal Force:** (Single contact only)  
2.2oz (0,61N) avg.

**RoHS Compliant:** Yes

### Processing:

**Max Processing Temp:** 230°C for 60 seconds

**Lead-Free Solderable:** Wave only. Call Samtec for reflow compatible options

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

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

<b>MMS</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>01</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>OTHER OPTION</b>						
		<b>02 thru 40</b>										
<p><b>Mates with:</b> TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TCMD</p>												
				<p><b>-L</b> = 10µ" (0,25µm) Gold contact, Matte Tin on tail</p> <p><b>-T</b> = Matte Tin</p>		<p><b>-SV</b> = Single Vertical</p> <p><b>-SH</b> = Single Horizontal</p> <p><b>-DV</b> = Double Vertical</p> <p><b>-DH</b> = Double Horizontal</p>						
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Row Option	X											
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**APPLICATION SPECIFIC OPTIONS**  
Locking clips and Through-hole pass-through options available. Call Samtec.

<b>MMS</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>02</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>OTHER OPTION</b>						
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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