



(2,00mm) .0787"

MMS SERIES

BOX CONTACT SOCKET

SPECIFICATIONS

For complete specifications see 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 or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

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



MMS	1	NO. PINS PER ROW	01	PLATING OPTION	ROW OPTION	OTHER OPTION							
		02 thru 40											
<p>Mates with: TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TCMD</p>													
				<p>-L = 10µ" (0,25µm) Gold contact, Matte Tin on tail</p> <p>-T = Matte Tin</p> <table border="1"> <thead> <tr> <th>Row Option</th> <th>X</th> </tr> </thead> <tbody> <tr> <td>-SH & -SV</td> <td>(0,254) .010</td> </tr> <tr> <td>-DH & -DV</td> <td>(0,559) .022</td> </tr> </tbody> </table>		Row Option	X	-SH & -SV	(0,254) .010	-DH & -DV	(0,559) .022	<p>-SV = Single Vertical</p> <p>-SH = Single Horizontal</p> <p>-DV = Double Vertical</p> <p>-DH = Double Horizontal</p>	<p>-“XX” = Polarized Position</p>
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APPLICATION SPECIFIC OPTIONS

Alignment Pin (-DV only), Locking clips and Through-hole pass-through options available. Call Samtec.

MMS	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION							
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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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