



(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**

Mates with: TMMH, TMM, MTMM, MMT, TW, LTMM, ZLTMM, TCMD

02 thru 40

-L = 10µ" (0,25µm) Gold contact, Matte Tin on tail

-T = Matte Tin

-SV = Single Vertical

-SH = Single Horizontal

-DV = Double Vertical

-DH = Double Horizontal

-“XX” = Polarized Position

Row Option	X
-SH & -SV	(0,254) .010
-DH & -DV	(0,559) .022

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**

02 thru 40

-L = 10µ" (0,25µm) Gold contact, Matte Tin on tail

-T = Matte Tin

-SV = Single Vertical

-SH = Single Horizontal

-DV = Double Vertical

-DH = Double Horizontal

-“XX” = Polarized Position

-K = (5,50mm) .217" DIA Polyimide Film Pick & Place Pad (-SV & -DV only) (-SV= 3 pos. min.) (-DV= 4 pos. min.)

-M = Metal Pick & Place Pad (4 positions min.) (-DV only)

-P = Plastic Pick & Place Pad (4 pos. min., -SV only) (5 pos. min., -DV only)

-TR = Tape & Reel Packaging

Row Option	X
-SH & -SV	(0,254) .010
-DH & -DV	(0,559) .022

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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