



2mm BOX SOCKET MMS SERIES

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
SAMTEC JAPAN • Tel: 045-475-1385 • Fax: 045-475-1340
SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
SAMTEC CHINA • Tel: 86-21-61103766 • Fax: 86-21-53854047
SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 86 6714432
SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
SAMTEC INDIA • Tel: +91-80-3272 1612 • Fax: +91-80-4152 8187
SAMTEC TAIWAN • Tel: 886 02 2698-3367 • Fax: 886 02 8698-2159
SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745