

(2,00mm) .0787"

MMS SERIES

BOX CONTACT SOCKET

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

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:

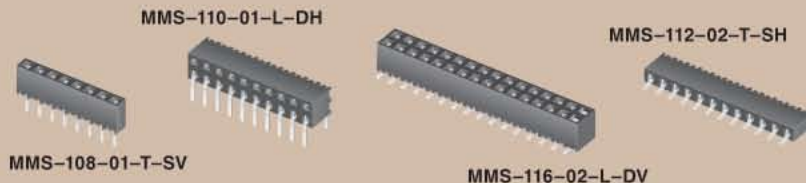
Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,15mm) .006" max

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



MMS - **1** **NO. PINS PER ROW** - **01** **PLATING OPTION** - **ROW OPTION** - **OTHER OPTION**

02 thru 40

-F
= Gold flash on contact,
Matte Tin on tail

-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

Diagram showing dimensions and pin configurations for various options: -SV, -SH, -DV, -DH, -F, -L, -T, -P, -M, -TR.

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

-F
= Gold flash on contact,
Matte Tin on tail

-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 positions min.)
(-DV = 4 positions 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

Diagram showing dimensions and pin configurations for various options: -SV, -SH, -DV, -DH, -F, -L, -T, -P, -M, -TR.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
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