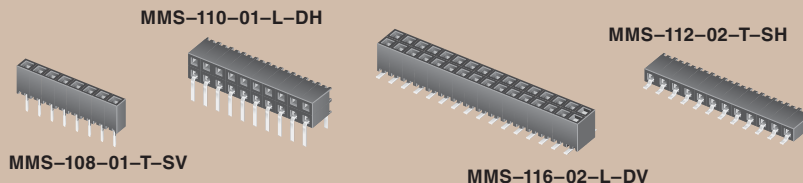


(2,00mm) .0787"

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

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

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

-S Row (3,81) .150 x (7,62) .300
-D Row (5,71) .225 x (10,01) .394

-P (1,22) .048
-M (1,22) .048
-P (1,39) .055

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

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