

(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: Lead-Free Solderable:

Yes

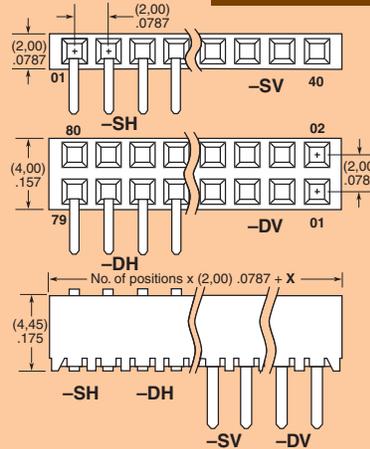
SMT Lead Coplanarity: (0,15mm) .006" max



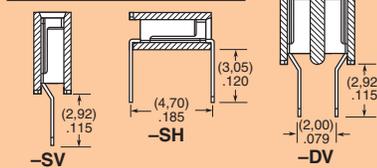
MMS - 1 NO. PINS PER ROW - 01 PLATING OPTION - ROW OPTION - OTHER OPTION

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

02 thru 40



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



-SV
= Single Vertical

-SH
= Single Horizontal

-DV
= Double Vertical

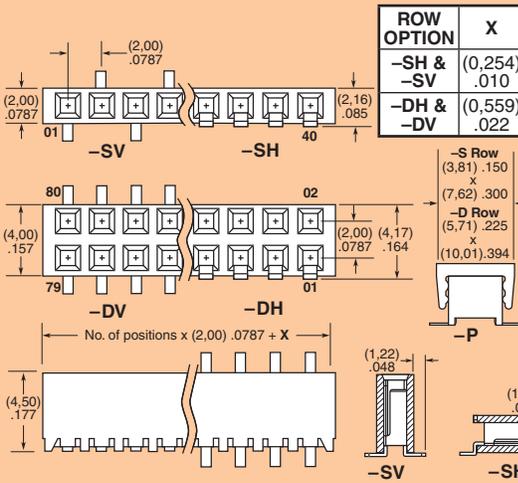
-DH
= Double Horizontal

-“XX”
= Polarized Position

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



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

-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 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

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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