



(2,00 mm) .0787"

MMS SERIES

BOX CONTACT SOCKET

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

SPECIFICATIONS

For complete specifications see www.samtec.com?MMS

Insulator Material:
Black LCP

Contact Material:
Phosphor Bronze

Plating: Sn or Au over 50µ" (1,27 µm) Ni

Operating Temp Range:
-55°C to +125°C with Gold
-55°C to +105°C with Tin

Contact Resistance:
10 mΩ

Current Rating:
2A per contact @ 80°C ambient

Insertion Depth:
DH = (2,13 mm) .084" to (2,79 mm) .110",
SH = (2,13 mm) .084" minimum or pass-through Top Entry DV/SV = (2,13 mm) .084" to (4,32 mm) .170" Bottom Entry DV/SV = (4,27 mm) .168" minimum (Plus board)

Insertion Force:
(Single contact only)
3.7 oz (1,03 N) avg.

Withdrawal Force:
(Single contact only)
2.2 oz (0,61 N) avg.

RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0,15 mm) .006" max



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	-SV = Single Vertical	-XX = Polarized Position	
			-L = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	-SH = Single Horizontal		
			-T = Matte Tin	-DV = Double Vertical		
				-DH = Double Horizontal		

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	-SV = Single Vertical	-XX = Polarized Position	
			-L = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	-SH = Single Horizontal	-K = (5,50 mm) .217" DIA Polyimide Film Pick & Place Pad (-SV & -DV only) (-SV = 3 positions min.) (-DV = 4 positions min.)	
			-T = Matte Tin	-DV = Double Vertical	-M = Metal Pick & Place Pad (4 positions min.) (-DV only)	
				-DH = Double Horizontal	-P = Plastic Pick & Place Pad (4 pos. min., -SV only) (5 pos. min., -DV only)	
					-TR = Tape & Reel Packaging	

APPLICATION SPECIFIC OPTIONS

- Alignment Pin (-DV only).
 - Locking clips and Through-hole pass-through options available.
- Call Samtec.

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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