



REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	

SERIES \_\_\_\_\_ MHDD - XX M N S - X 1  
 MHDD - VERTICAL P.C.TAIL

POSITIONS \_\_\_\_\_  
 09 - 09 POSITIONS  
 15 - 15 POSITIONS  
 25 - 25 POSITIONS  
 37 - 37 POSITIONS  
 50 - 50 POSITIONS

GENDER \_\_\_\_\_  
 M - MALE

SHELL PLATING \_\_\_\_\_  
 N - NICKEL PLATING

CONTACT TYPE \_\_\_\_\_  
 S - STAMPED

HARDWARE OPTIONS \_\_\_\_\_  
 A - 3.05MM THROUGH HOLE  
 C - #4-40 BOARDSIDE CLINCH NUT, L=2.5MM, NI PLATING  
 E - #4-40 BOARDSIDE CLINCH NUT, NI PLATING, BOARDLOCK, TIN PLATING  
 H - #4-40 THREADED STANDOFF, NI PLATING, BOARDLOCK, TIN PLATING

CONTACT PLATING \_\_\_\_\_  
 1 - GOLD FLASH

SPECIFICATIONS  
 CURRENT RATING: 5A  
 WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN  
 INSULATION RESISTANCE: 1000 MΩ MIN.  
 CONTACT RESISTANCE: 30 mΩ MAX.  
 TEMPERATURE RANGE: -55°C TO 105°C

INSULATOR MATERIAL: PBT+30% G.F.  
 INSULATOR COLOR: BLACK  
 SHELL MATERIAL: STEEL  
 CONTACT MATERIAL: BRASS  
 CONTACT PLATING: GOLD FLASH  
 HARDWARE MATERIAL: BRASS

POSITIONS	A	B	C	D	E	F
9	30.81	24.99	16.33	19.28	12.55	8.30
15	39.14	33.32	24.66	27.75	12.55	8.30
25	53.04	47.04	38.38	41.30	12.55	8.30
37	69.32	63.50	54.84	57.40	12.55	8.30
50	67.1	61.00	52.80	55.10	15.24	11.25

**MH CONNECTORS LTD.**

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DRAWN BY	V.K.	MHDD SERIES, D-SUB, STANDARD DENSITY, VERTICAL P.C.TAIL, MALE				
DRAWN DATE	11/11/2025					
CHECKED BY	R.S.M.	PART NUMBER	MHDD-XXMNS-X1			
CHECK DATE	11/12/2025					
TOLERANCES	ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SCALE	2:1	SHEET	1 OF 1
.X	±0.30					
.XX	±0.25	REVISION				
.XXX	±0.10	1				

RoHS COMPLIANT