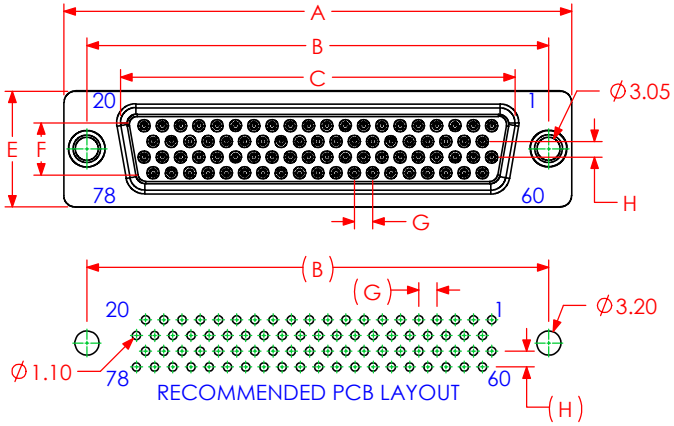
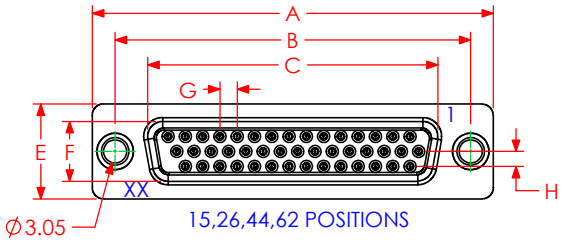
REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	

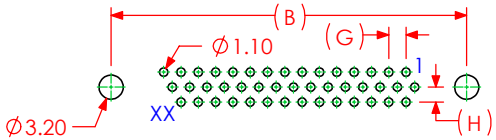
78 POSITIONS



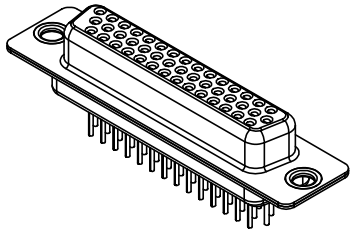
RECOMMENDED PCB LAYOUT



15,26,44,62 POSITIONS



RECOMMENDED PCB LAYOUT



MHHDD - XX F N S - X 1

SERIES
MHHDD - VERTICAL P.C.TAIL

POSITIONS
15 - 15 POSITIONS
26 - 26 POSITIONS
44 - 44 POSITIONS
62 - 62 POSITIONS
78 - 78 POSITIONS

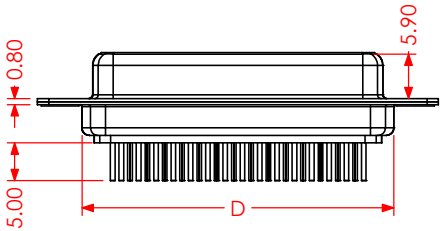
GENDER
F - FEMALE

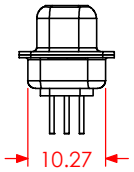
SHELL PLATING
N - NICKEL PLATING

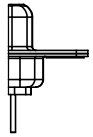
CONTACT TYPE
S - STAMPED

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

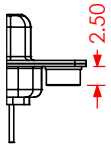
CONTACT PLATING
1 - GOLD FLASH



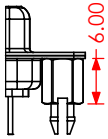




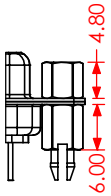
OPTION A



OPTION C



OPTION E



OPTION H

SPECIFICATIONS

CURRENT RATING:	3A
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	G	H
15	30.81	24.99	16.33	19.28	12.55	7.90	2.29	1.98
26	39.14	33.32	24.66	27.75	12.55	7.90	2.29	1.98
44	53.04	47.04	38.38	41.30	12.55	7.90	2.29	1.98
62	69.32	63.50	54.84	57.40	12.55	7.90	2.41	1.98
78	67.20	61.10	52.20	55.10	15.30	10.90	2.41	2.08

MH CONNECTORS LTD.

DRAWN BY	V.K.	MHHDD SERIES, D-SUB, HIGH DENSITY, VERTICAL P.C.TAIL, FEMALE	
DRAWN DATE	11/19/2025		
CHECKED BY	R.S.M.	PART NUMBER	MHHDD-XXFNS-X1
CHECK DATE	11/19/2025		
TOLERANCES	ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SIZE A
.X ±0.30			REVISION
.XX ±0.25			1
.XXX ±0.10		SCALE 1:1	SHEET 1 OF 1

RoHS COMPLIANT

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