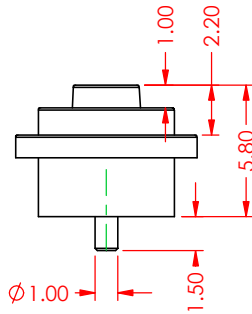
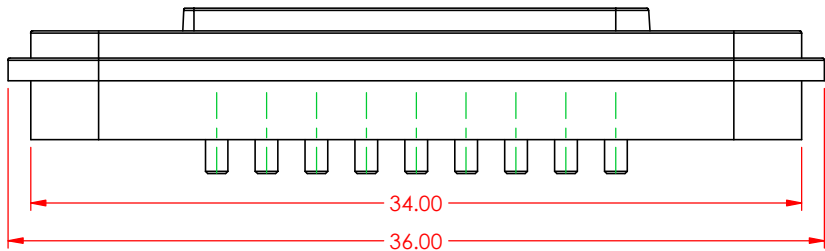
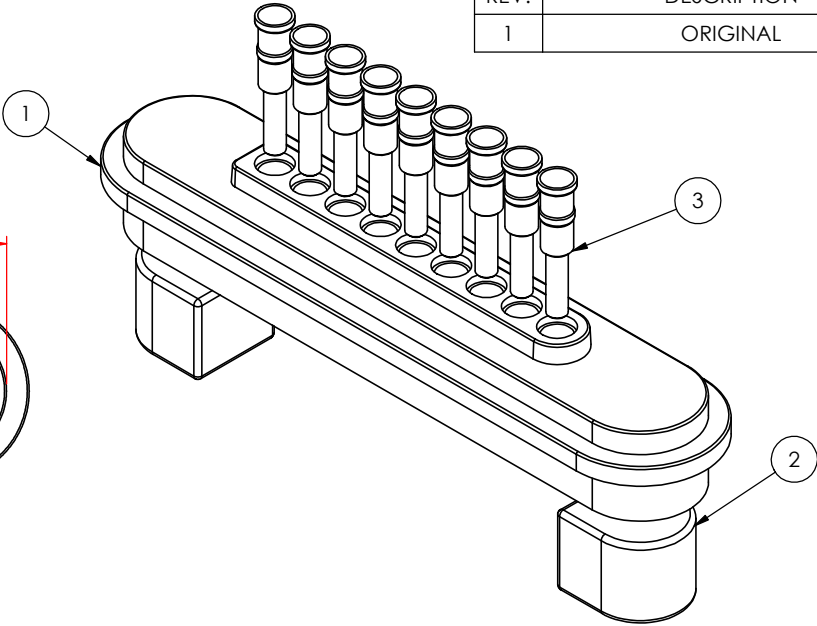
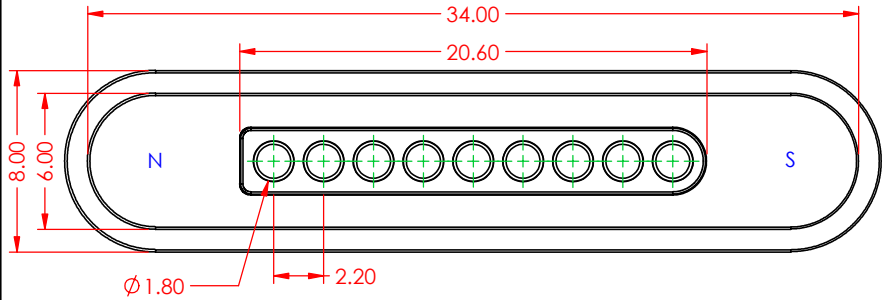


ITEM NO.	PartNo	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	9

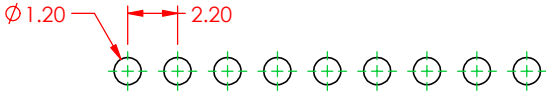
REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	



SPECIFICATIONS
 CURRENT RATING: 3A
 VOLTAGE RATING: 12V
 WITHSTANDING VOLTAGE: 500V
 INSULATION RESISTANCE: 1000M Ω MIN FOR 1 MIN
 CONTACT RESISTANCE: 50m Ω MAX
 TEMPERATURE RANGE: -25°C TO 80 °C

INSULATOR MATERIAL: HTN
 INSULATOR COLOR: BLACK
 CONTACT MATERIAL: BRASS
 CONTACT PLATING: 5 μ " GOLD PLATING
 MAGNET MATERIAL: N52
 MATING CYCLES: 10000

MATING PARTS: MPM-VA0-109-2R07-A00



RECOMMENDED PCB LAYOUT
 TOLERANCE ± 0.05

NOTE:IR REFLOW AND WAVE SOLDERING NOT RECOMMENDED AS THE PROCESSES CAN DEMAGNETIZE THE CONNECTOR MAGNETS.

		DRAWN BY		V.K.		FEMALE CONNECTOR, RECTANGULAR, 2.2MM PITCH, 9 POSITIONS					
		DRAWN DATE		08/06/2025							
		CHECKED BY		R.S.M.							
		CHECK DATE		08/06/2025		PART NUMBER		MPF-VA0-109-2P07-A00			
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		.X	±0.3			REVISION					
		.XX	±0.2								
		.XXX	±0.1			SCALE		3:1	SHEET	1	OF