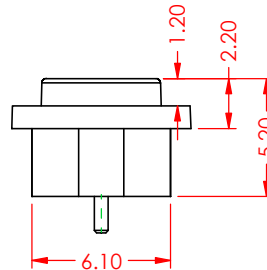
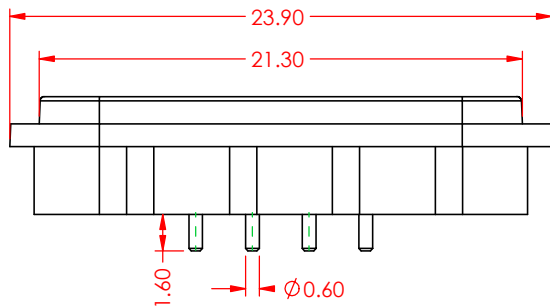
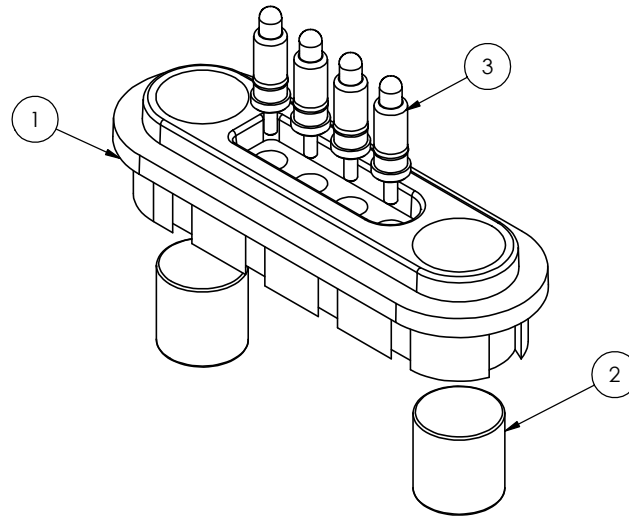
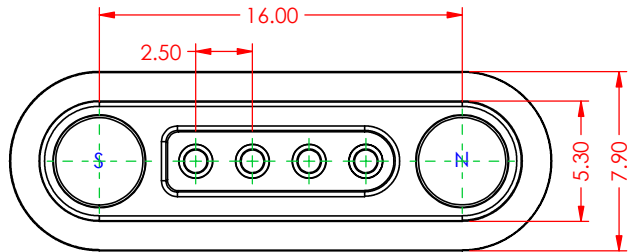


ITEM NO.	DESCRIPTION	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	4

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	

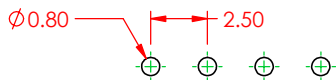


SPECIFICATIONS
 CURRENT RATING: 3A
 VOLTAGE RATING: 12V
 WITHSTANDING VOLTAGE: 500V
 INSULATION RESISTANCE: 1000MΩ MIN FOR 1 MIN
 CONTACT RESISTANCE: 50mΩ MAX
 TEMPERATURE RANGE: -25 °C TO 80 °C

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

STROKE: 1.0 MM
 CONTACT FORCE: 80±20 g

MATING PARTS: MPM-VB0-104-2P10-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.	MALE CONNECTOR, RECTANGULAR, 2.5MM PITCH, 4 POSITIONS				
	DRAWN DATE	08/12/2025					
	CHECKED BY	R.S.M.	PART NUMBER	MPM-VB0-104-2R10-A00			
	CHECK DATE	08/12/2025					
RoHS COMPLIANT	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SIZE	A	
	.X	±0.3					REVISION
	.XX	±0.2		1			
	.XXX	±0.1		SCALE	3:1	SHEET	1

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