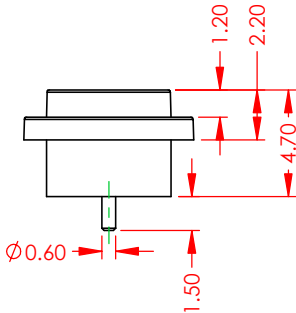
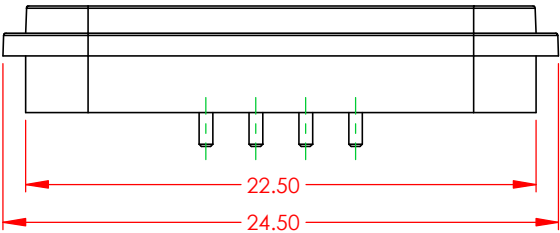
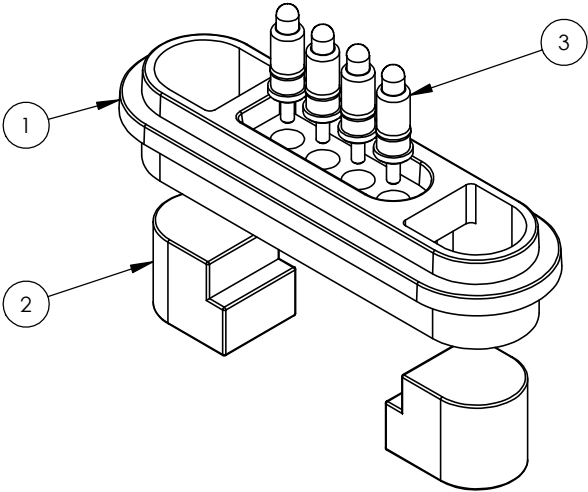
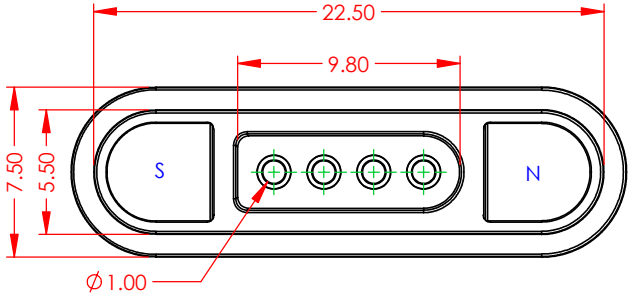


ITEM NO.	PartNo	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	4

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:	MPF-VA0-104-2P02-A00 MPF-VA0-104-2P02-A10



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, 2.2MM PITCH, 4 POSITIONS					
		DRAWN DATE		08/01/2025							
		CHECKED BY		R.S.M.		PART NUMBER		MPM-VA0-104-2R02-A00			
		CHECK DATE		08/01/2025							
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		.X ±0.3						REVISION			
		.XX ±0.2									
		.XXX ±0.1				SCALE		3:1	SHEET	1	OF