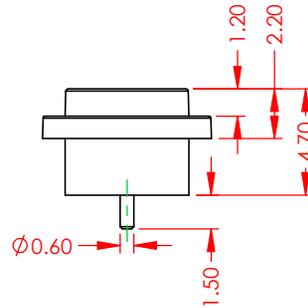
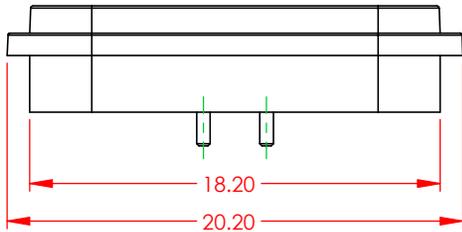
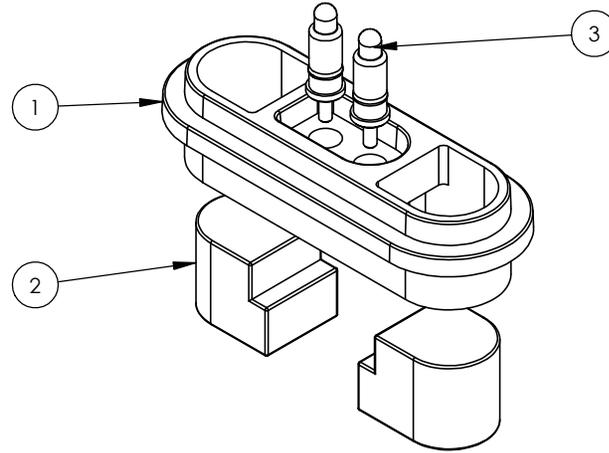
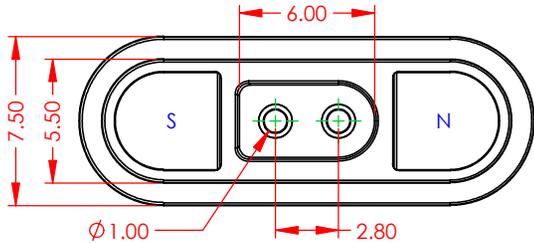


ITEM NO.	PartNo	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	2

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

STROKE: 1.0 MM
 CONTACT FORCE: 80 \pm 20 g

MATING PARTS: MPF-VC0-102-2P00-A00
 MPF-VC0-102-2P00-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, 2.8MM PITCH, 2 POSITIONS				
	DRAWN DATE	08/01/2025					
	CHECKED BY	R.S.M.	PART NUMBER	MPM-VC0-102-2R00-A00			
	CHECK DATE	08/01/2025	MATERIAL		SIZE	A	
RoHS COMPLIANT	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	REVISION			
	.X	± 0.3					
	.XX	± 0.2					
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