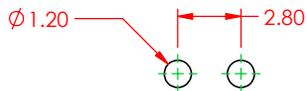
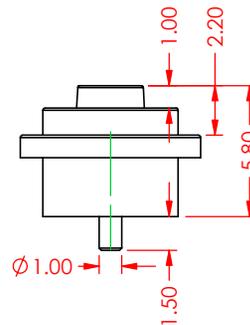
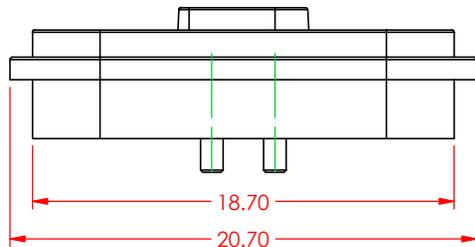
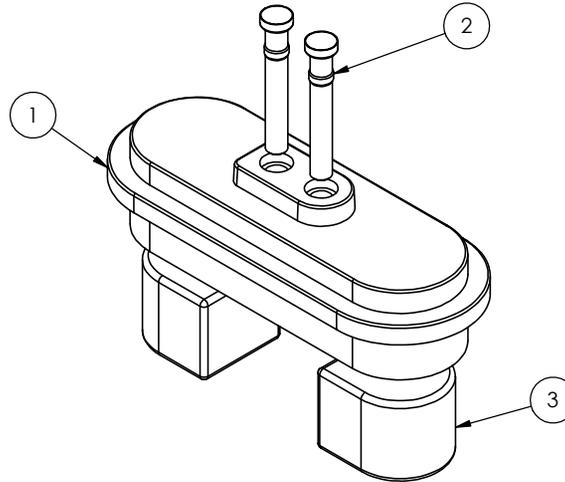
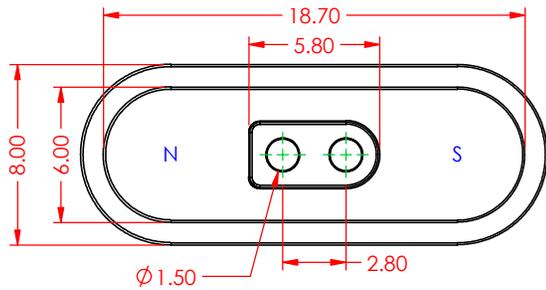


ITEM NO.	PartNo	QTY.
1	HOUSING	1
2	POGO PIN	2
3	MAGNET	2

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

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

MATING PARTS: MPM-VC0-102-2R00-A00
 MCM-YC0-102-2R00-BK0

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

	DRAWN BY	V.K.	FEMALE CONNECTOR, RECTANGULAR, 2.8MM PITCH, 2 POSITIONS							
	DRAWN DATE	08/05/2025								
	CHECKED BY	R.S.M.	PART NUMBER	MPF-VC0-102-2P00-A00						
	CHECK DATE	08/05/2025	MATERIAL		SIZE	A				
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							1			
					TOLERANCES		SCALE	3:1	SHEET	1 OF 1
					.X	±0.3				
.XX	±0.2									
.XXX	±0.1									