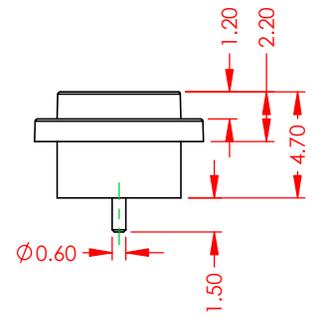
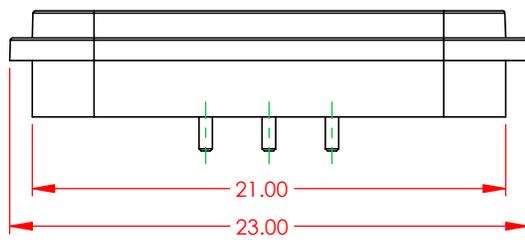
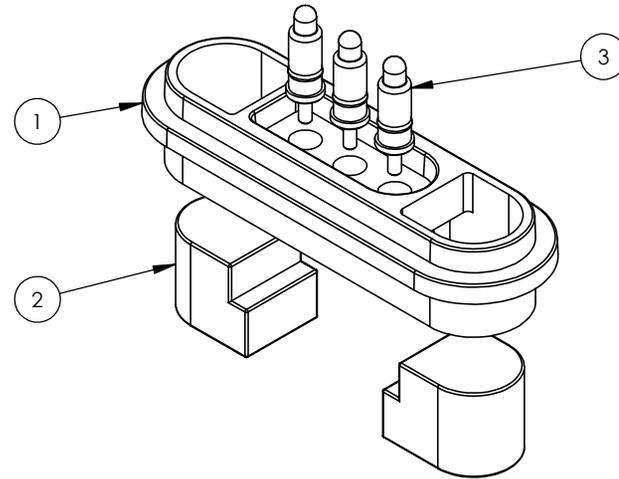
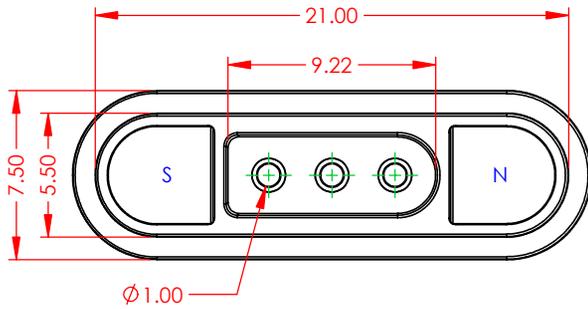


ITEM NO.	PartNo	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	3

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	



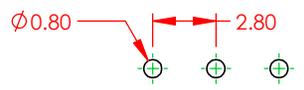
**SPECIFICATIONS**

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-VC0-103-2P01-A00  
MPF-VC0-103-2P01-A10



RECOMMENDED PCB LAYOUT  
TOLERANCE ±0.05

NOTE: IR REFLOW NOT RECOMMENDED AS IT COULD POTENTIALLY DEMAGNETIZE THE CONNECTOR MAGNETS.

	DRAWN BY	V.K.	MALE CONNECTOR, RECTANGULAR, 2.8MM PITCH, 3 POSITIONS			
	DRAWN DATE	08/01/2025				
	CHECKED BY	R.S.M.	PART NUMBER	MPM-VC0-103-2R01-A00		
	CHECK DATE	08/01/2025	MATERIAL		SIZE	A
RoHS COMPLIANT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.		TOLERANCES	ALL DIMENSIONS AND TOLERANCES IN MM	REVISION	
			.X ±0.3			
			.XX ±0.2		1	
.XXX ±0.1	SCALE	3:1	SHEET	1	OF 1	