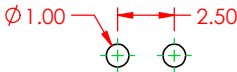
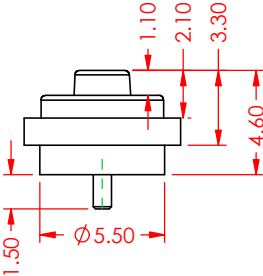
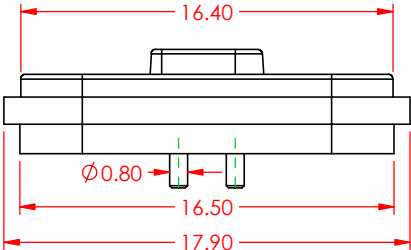
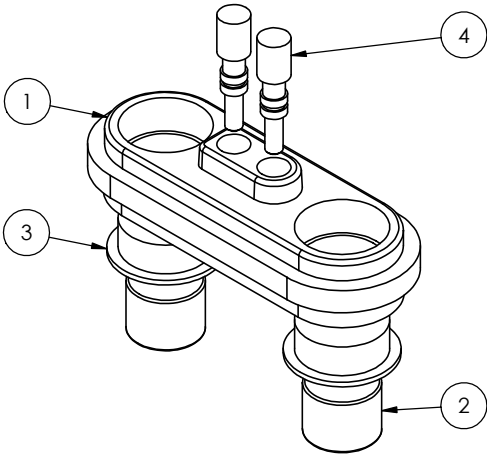
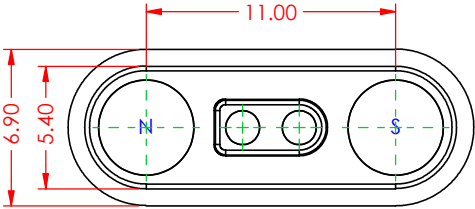


ITEM NO.	DESCRIPTION	QTY.
1	HOUSING	1
2	MAGNET	2
3	SHELL	2
4	POGO PIN	2

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-VB0-102-2R08-A00 MCM-YB0-102-2R08-BH0

		DRAWN BY		V.K.		FEMALE CONNECTOR, RECTANGULAR, 2.5MM PITCH, 2 POSITIONS					
		DRAWN DATE		08/14/2025							
		CHECKED BY		R.S.M.							
		CHECK DATE		08/14/2025		PART NUMBER		MPF-VB0-102-2P08-A00			
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		MATERIAL				SIZE	A
		.X	±0.3					REVISION			
		.XX	±0.2					1			
		.XXX	±0.1					SCALE	2:1	SHEET	1

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