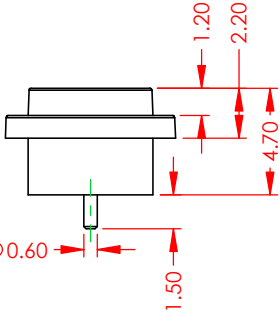
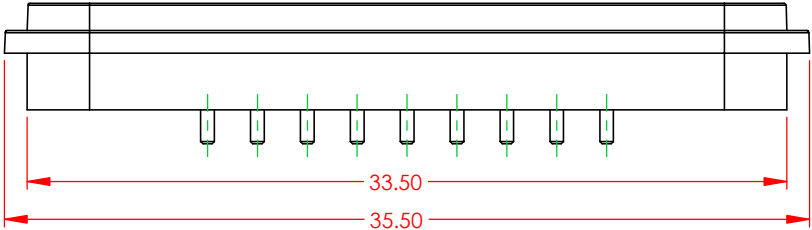
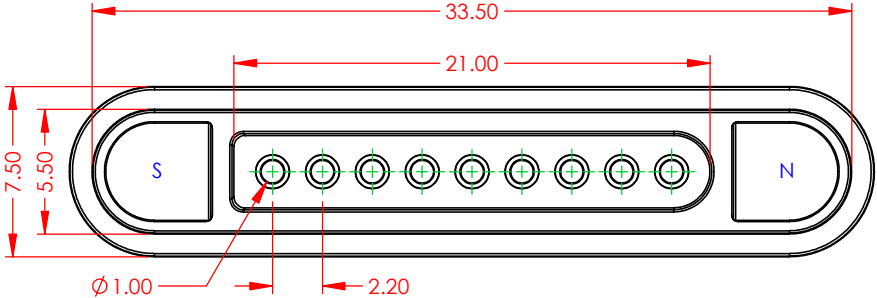


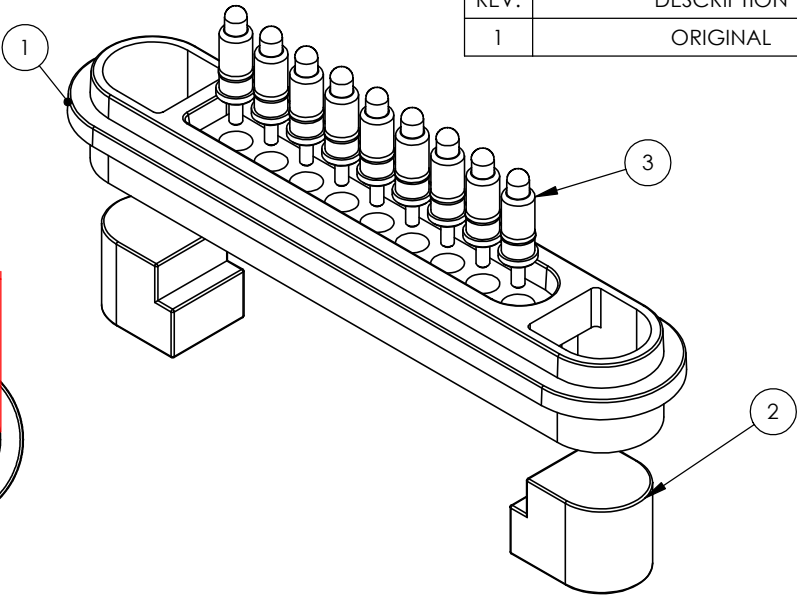
ITEM NO.	PartNo	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	9



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

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

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-VA0-109-2P07-A00
 MPF-VA0-109-2P07-A10

		DRAWN BY		V.K.		MALE CONNECTOR, RECTANGULAR, 2.2MM PITCH, 9 POSITIONS					
		DRAWN DATE		08/05/2025							
		CHECKED BY		R.S.M.							
		CHECK DATE		08/05/2025		PART NUMBER		MPM-VA0-109-2R07-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	3:1	SHEET	1