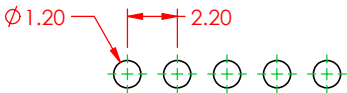
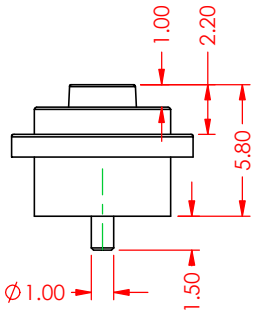
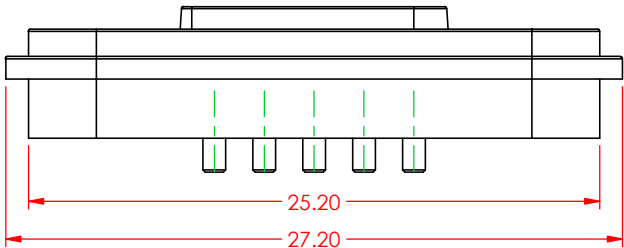
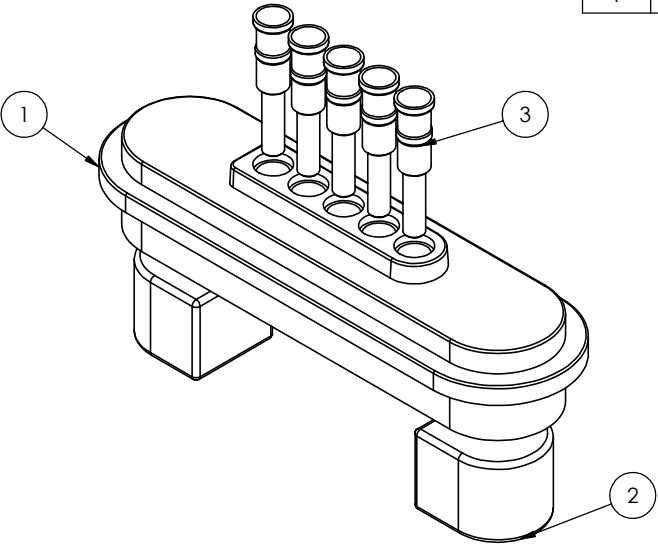
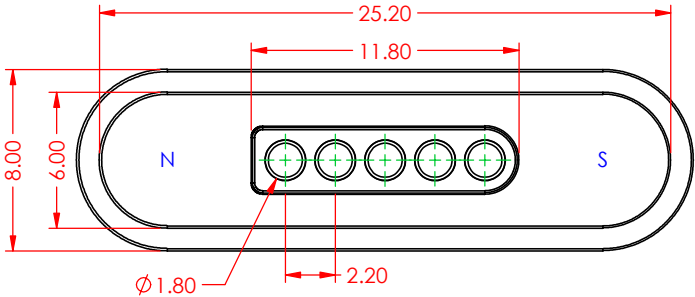


ITEM NO.	DESCRIPTION	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	5

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: 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

MATING PARTS: MPM-VA0-105-2R03-A00
 MCM-YA0-105-2R03-BK0

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

		DRAWN BY		V.K.		FEMALE CONNECTOR, RECTANGULAR, 2.2MM PITCH, 5 POSITIONS					
		DRAWN DATE		08/06/2025							
		CHECKED BY		R.S.M.							
		CHECK DATE		08/06/2025		PART NUMBER		MPF-VA0-105-2P03-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