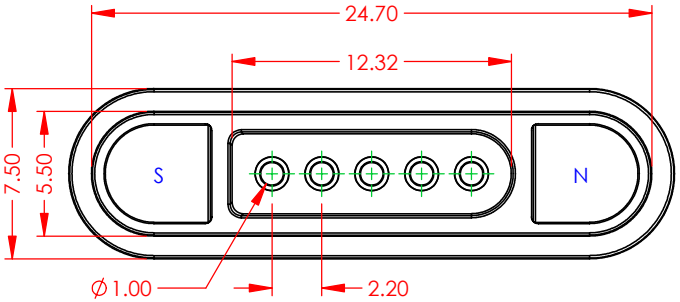
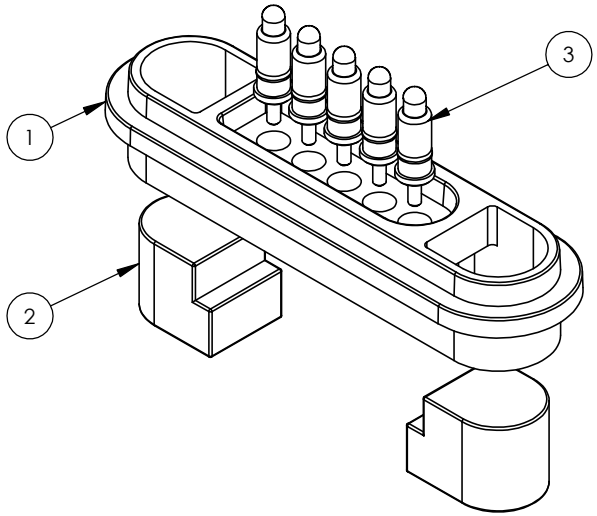
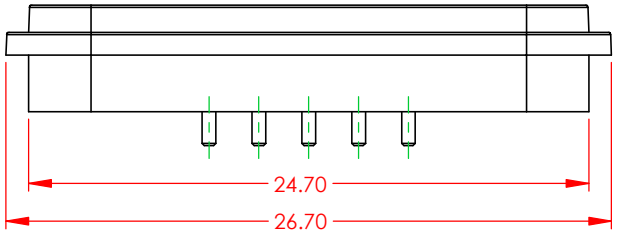
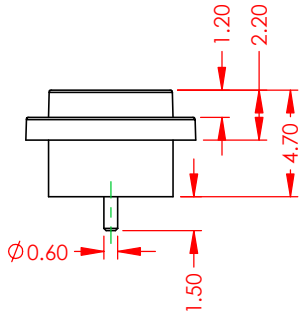
ITEM NO.	PartNo	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	5

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	



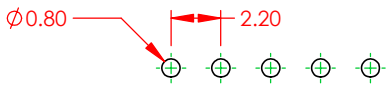






SPECIFICATIONS

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-VA0-105-2P03-A00 MPF-VA0-105-2P03-A10



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

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

RoHS COMPLIANT

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DRAWN BY	V.K.
DRAWN DATE	08/01/2025
CHECKED BY	R.S.M.
CHECK DATE	08/01/2025

TOLERANCES	
.X	±0.3
.XX	±0.2
.XXX	±0.1

ALL DIMENSIONS AND TOLERANCES IN MM

MALE CONNECTOR, RECTANGULAR, 2.2MM PITCH, 5 POSITIONS

PART NUMBER	MPM-VA0-105-2R03-A00		
MATERIAL		SIZE	A
		REVISION	1
SCALE	3:1	SHEET	1 OF 1

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