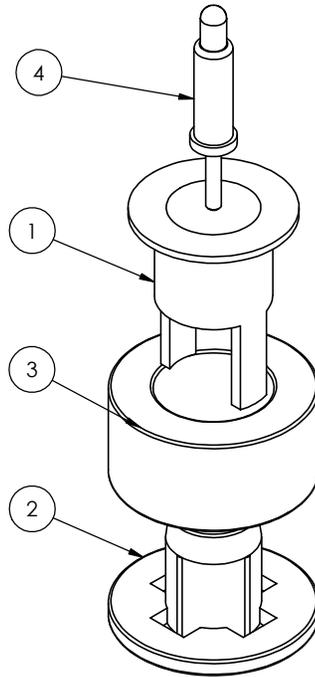
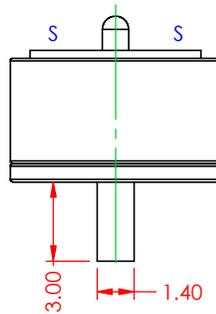
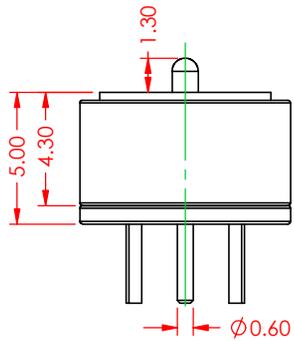
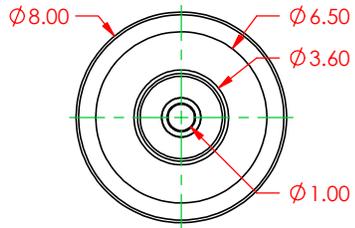


ITEM NO.	DESCRIPTION	QTY.
1	SHELL	1
2	INSULATOR	1
3	MAGNET	1
4	POGO PIN	1

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	

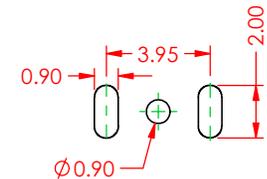


SPECIFICATIONS
 CURRENT RATING: 3A
 VOLTAGE RATING: 12V
 WITHSTANDING VOLTAGE: 500V
 INSULATION RESISTANCE: 1000MΩ MIN FOR 1 MIN
 CONTACT RESISTANCE: 50mΩ MAX
 TEMPERATURE RANGE: -25 °C TO 80 °C
 MAGNETIC FORCE: 3500 G

INSULATOR MATERIAL: HTN
 INSULATOR COLOR: BLACK
 CONTACT MATERIAL: BRASS
 CONTACT PLATING: 5μ" GOLD PLATING
 MAGNET MATERIAL: N52
 MATING CYCLES: 10000

STROKE: 1.1 MM
 CONTACT FORCE: 80±20 g

MATING PARTS: MPM-V00-802-2R14-E00



RECOMMENDED PCB LAYOUT
 TOLERANCE ±0.05

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

	DRAWN BY	V.K.	MALE CONNECTOR, CIRCULAR, 8 MM DIA, 2 POSITIONS			
	DRAWN DATE	08/27/2025				
	CHECKED BY	R.S.M.	PART NUMBER	MPM-V00-802-2P14-E00		
	CHECK DATE	08/27/2025				
RoHS COMPLIANT	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SIZE	A
	.X	±0.3				
	.XX	±0.2		1		
	.XXX	±0.1		SCALE	3.5:1	SHEET

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