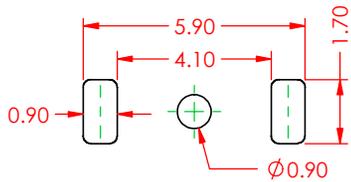
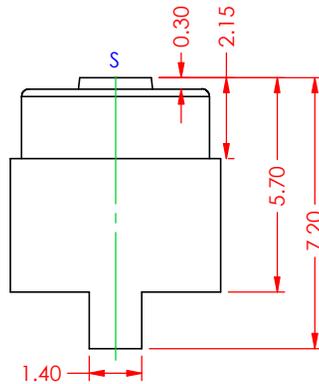
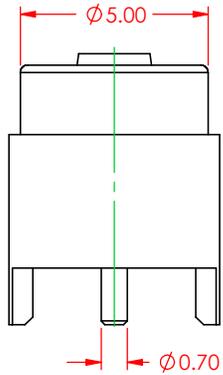
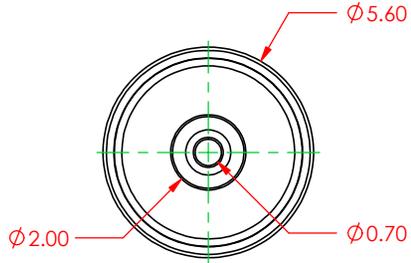


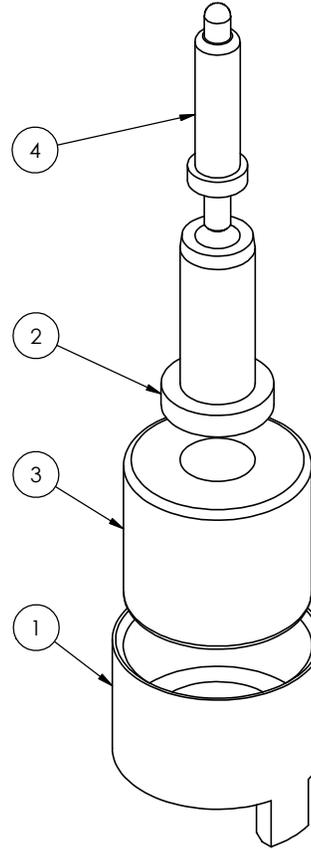
ITEM NO.	DESCRIPTION	QTY.
1	SHELL	1
2	INSULATOR	1
3	MAGNET	1
4	POGO PIN	1



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: 2A
 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: WHITE
 CONTACT MATERIAL: BRASS
 CONTACT PLATING: 20μ" GOLD PLATING
 MAGNET MATERIAL: N52
 MATING CYCLES: 10000

STROKE: 0.6 MM
 CONTACT FORCE: 40±20 g

MATING PARTS: MPF-V00-562-2P12-E00
 MPF-V00-562-2P12-E10

	DRAWN BY	V.K.	MALE CONNECTOR, CIRCULAR, 5.6MM DIA, 2 POSITIONS			
	DRAWN DATE	08/15/2025				
	CHECKED BY	R.S.M.	PART NUMBER	MPM-V00-562-5R12-E00		
	CHECK DATE	08/15/2025	MATERIAL		SIZE	A
RoHS COMPLIANT	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	REVISION		
	.X	±0.3		1		
	.XX	±0.2				
	.XXX	±0.1	SCALE	5:1	SHEET	1 OF 1

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