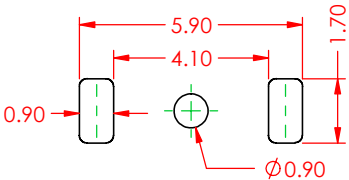
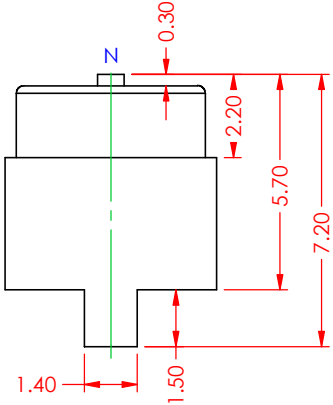
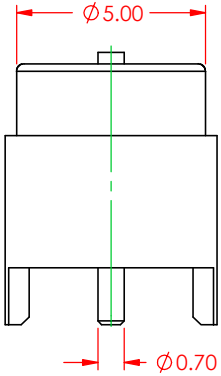
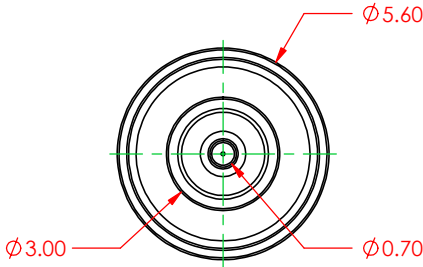


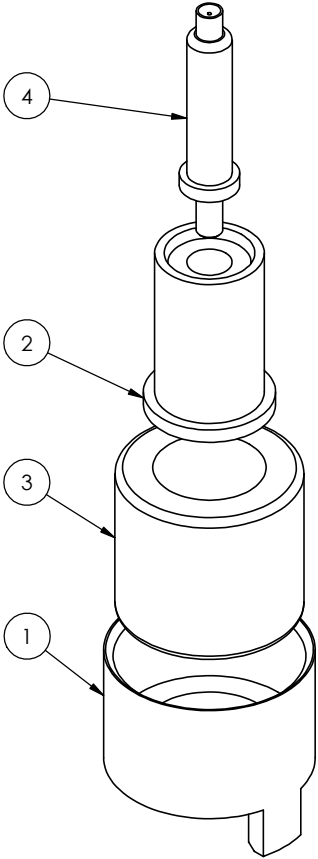
ITEM NO.	DESCRIPTION	QTY.
1	SHELL	1
2	INSULATOR	1
3	MAGNET	1
4	POGO PIN	1



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: 5μ" GOLD PLATING
MAGNET MATERIAL: N52
MATING CYCLES: 10000

MATING PARTS: MPM-V00-562-5R12-E00
MCM-Y00-802-2R12-BE0

		DRAWN BY		V.K.		FEMALE CONNECTOR, CIRCULAR, 5.6MM DIA, 2 POSITIONS					
		DRAWN DATE		08/19/2025							
		CHECKED BY		R.S.M.		PART NUMBER		MPF-V00-562-2P12-E00			
		CHECK DATE		08/19/2025							
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		1	
		.XX	±0.2								
		.XXX	±0.1			SCALE	5:1	SHEET	1	OF	1