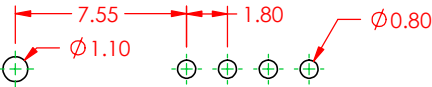
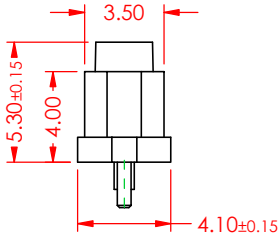
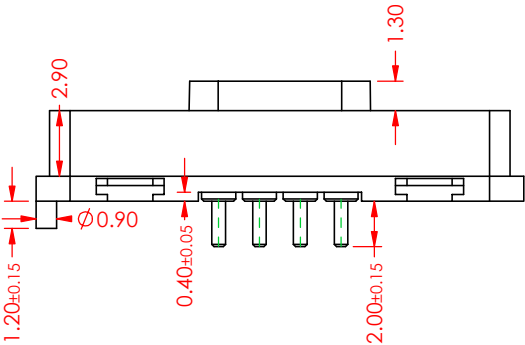
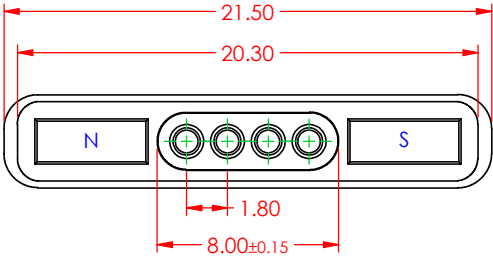
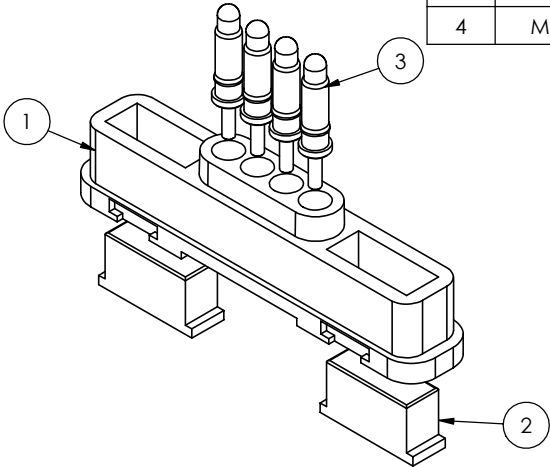


ITEM NO.	DESCRIPTION	QTY.
1	HOUSING	1
2	MAGNET	2
3	POGO PIN	4

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	ADD NOTE 4 AND 5	08/13/2023	P.M.
3	DELETE DIM 7.50, Ø1.20, Ø0.50(X4) & DELETE NOTE 3	08/18/2023	L.K.
4	MATERIAL, TEMP RANGE, VOLTAGE & PLATING UPDATED	2/2/2026	V.K.



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

- 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:

BLACK

⚠

CONTACT MATERIAL:

BRASS

⚠

CONTACT PLATING:

5μ" GOLD PLATING

⚠

MAGNET MATERIAL:

N52

⚠

MATING CYCLES:

10000

MATING PARTS:

685L0421250110E

687L0421A501200

		DRAWN BY		J.L.	MALE CONNECTOR, RECTANGULAR, 1.8MM PITCH, 4 POSITIONS					
		DRAWN DATE		05/16/2023						
		CHECKED BY		R.S.M.	PART NUMBER		685L0421250110E			
		CHECK DATE		05/16/2023						
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						4	
		.XXX	±0.1		SCALE	3:1	SHEET	1		

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