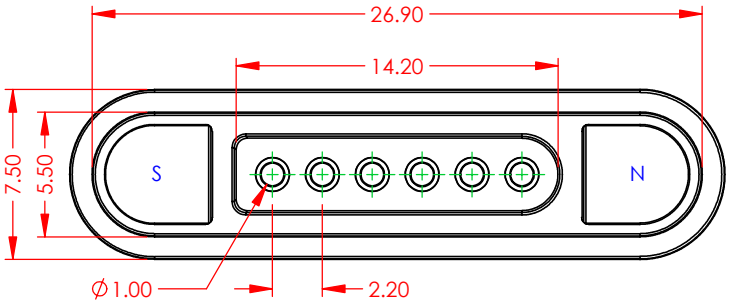
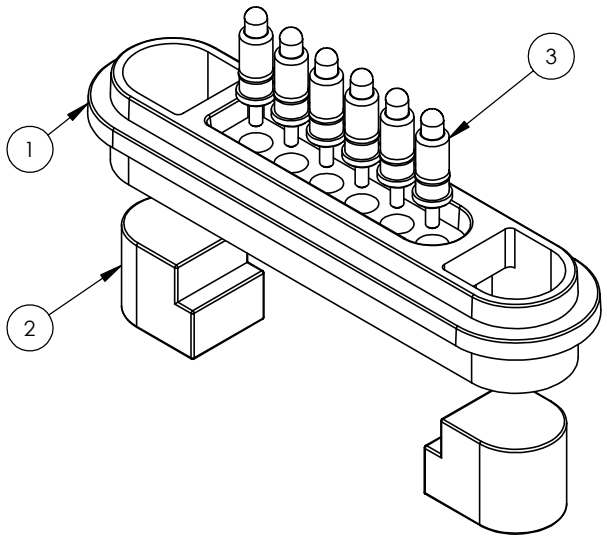
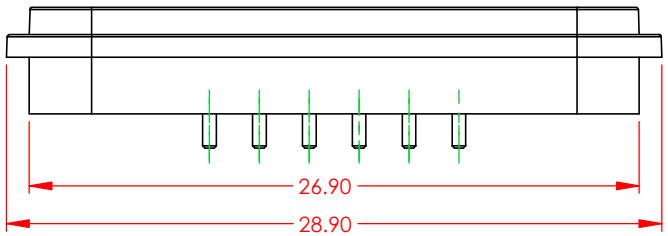
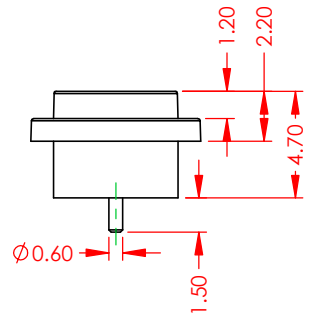
| ITEM NO. | PartNo | QTY. |
|---|---|---|
| 1 | HOUSING | 1 |
| 2 | MAGNET | 2 |
| 3 | POGO PIN | 6 |

| REVISIONS | | | |
|---|---|---|---|
| REV. | DESCRIPTION | DATE | BY |
| 1 | ORIGINAL | DRAWN DATE | |



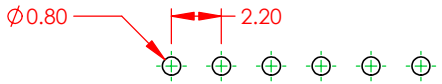




SPECIFICATIONS

| | |
|---|---|
| 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-VA0-106-2P04-A00<br>MPF-VA0-106-2P04-A10 |




RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

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

EDAC

RoHS COMPLIANT

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| | |
|---|---|
| DRAWN BY | V.K. |
| DRAWN DATE | 08/05/2025 |
| CHECKED BY | R.S.M. |
| CHECK DATE | 08/05/2025 |

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

ALL DIMENSIONS AND TOLERANCES IN MM

MALE CONNECTOR, RECTANGULAR, 2.2MM PITCH, 6 POSITIONS

| | | | |
|---|---|---|---|
| PART NUMBER | MPM-VA0-106-2R04-A00 | | |
| MATERIAL | | SIZE | A |
| | | REVISION | 1 |
| SCALE | 3:1 | SHEET | 1 OF 1 |

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