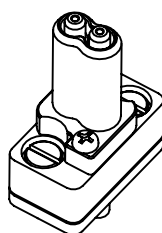
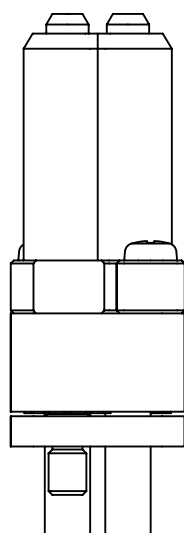
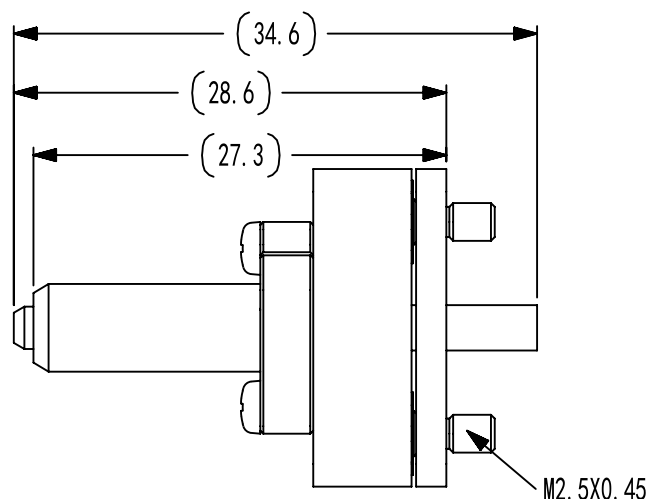
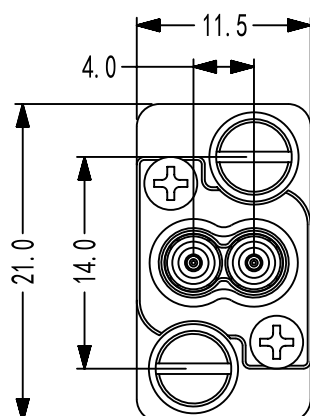


|         |               |           |      |
|---------|---------------|-----------|------|
| Version | Design Change | Date      | Name |
| R0      | First Release | 2025.2.10 | YYK  |
|         |               |           |      |



## ELECTRICAL PERFORMANCES

|   |                       |                  |
|---|-----------------------|------------------|
| 1 | IMPEDANCE             | 50 Ohm           |
| 2 | FREQUENCY RANGE       | DC TO 6GHz       |
| 3 | V.S.W.R               | 1.80max(DC-6GHz) |
| 4 | INSULATION RESISTANCE | 5000 Mohm        |
| 5 | WITHSTANDING VOLTAGE  | 500 VDC          |
| 6 | Cable interface       | SMPM-Female      |

## MECHANICAL PERFORMANCES

|   |                    |                            |
|---|--------------------|----------------------------|
| 1 | FULL TRAVEL        | 1.5mm@INNER,4.1mm@OUTER    |
| 2 | RECOMMENDED TRAVEL | 1.0mm@INNER,3.2mm@OUTER    |
| 3 | SPRING FORCE       | 100g@INNER,>400g@OUTER     |
| 4 | D.U.T              | FAKRA-mini 2P Male         |
| 5 | TEST LIFE          | 10000 TIMES(PIN CHANGEBLE) |
| 6 | Floating           | ±0.5mm                     |

## ENVIRONMENTAL PERFORMANCES

|   |                     |             |
|---|---------------------|-------------|
| 1 | WORKING TEMPERATURE | -55°C~+85°C |
|---|---------------------|-------------|

|                                                                                    |                                                                                                                  |             |       |        |                        |                                                                                                                                            |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------|-------|--------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Drawn                                                                              | YYK                                                                                                              | 2025. 2. 10 | Scale | 2:1    | Series: RM             | Group: RF Socket                                                                                                                           |
| Checked                                                                            | YYK                                                                                                              | 2025. 2. 10 | Sheet | 1 of 1 | Title: RM-PMMFM50QG-2P |                                                                                                                                            |
| Approved                                                                           | ERIC                                                                                                             | 2025. 2. 10 | Unit  | mm     |                        |                                                                                                                                            |
| Size                                                                               | A4                                                                                                               | REV.        | R0    | Note:  |                        |  上海里库电子科技有限公司<br>THIS DRAWING IS A CONTROLLED DOCUMENT. |
|  | Tolerances Unless Otherwise Specified:<br>0 PLC $\pm 0.15$ 1 PLC $\pm 0.10$<br>2 PLC $\pm 0.05$ 3 PLC $\pm 0.01$ |             |       |        |                        |                                                                                                                                            |