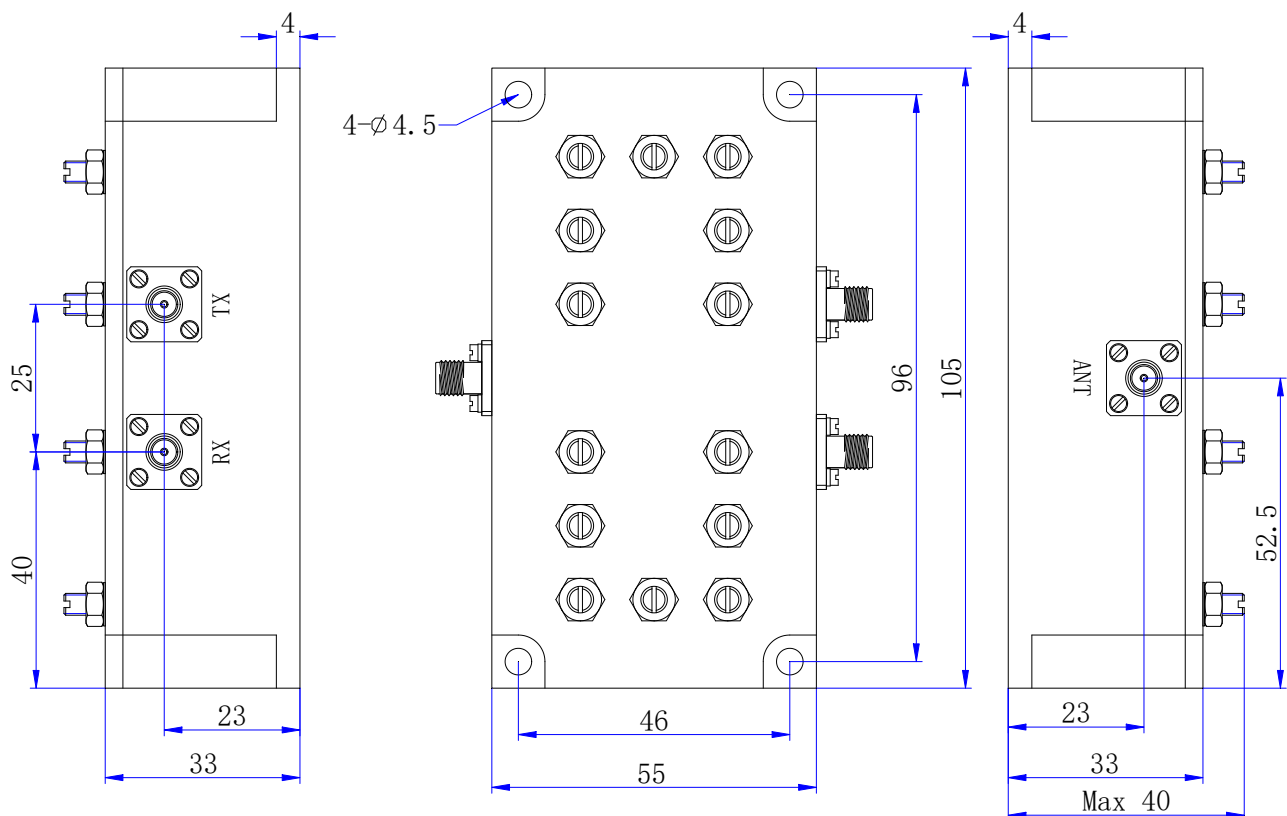


# FSMX2-1920-2170-S

## Diplexer Specifications

| Electrical Specifications     |                         |                                  |              |
|-------------------------------|-------------------------|----------------------------------|--------------|
| 1                             | Frequency Range         | RX                               | TX           |
|                               |                         | 1920~1980MHz                     | 2110~2170MHz |
| 2                             | Insertion Loss          | ≤1.5dB                           | ≤1.5dB       |
| 3                             | VSWR                    | ≤1.30:1                          | ≤1.30:1      |
| 4                             | Isolation               | ≥50dB@1920~1980MHz, 2110~2170MHz |              |
| 5                             | Power                   | 100W                             |              |
| Environmental Characteristics |                         |                                  |              |
| 1                             | Operating Temperature   | -20°C~+60°C                      |              |
| 2                             | Environmental Class     | Indoor                           |              |
| Mechanical Characteristics    |                         |                                  |              |
| 1                             | Connectors              | SMA-Female                       |              |
| 2                             | Surface Finishing       | Natural Metal Color              |              |
| 3                             | Dimensions <sup>1</sup> | 105*55*33mm [4.13*2.17*1.3in]    |              |

### Outline Drawing



Units: mm/[inch], Tolerance: ±0.5mm, Mounting Hole Tolerance: ±0.2mm

Note 1: Excluding Connectors

