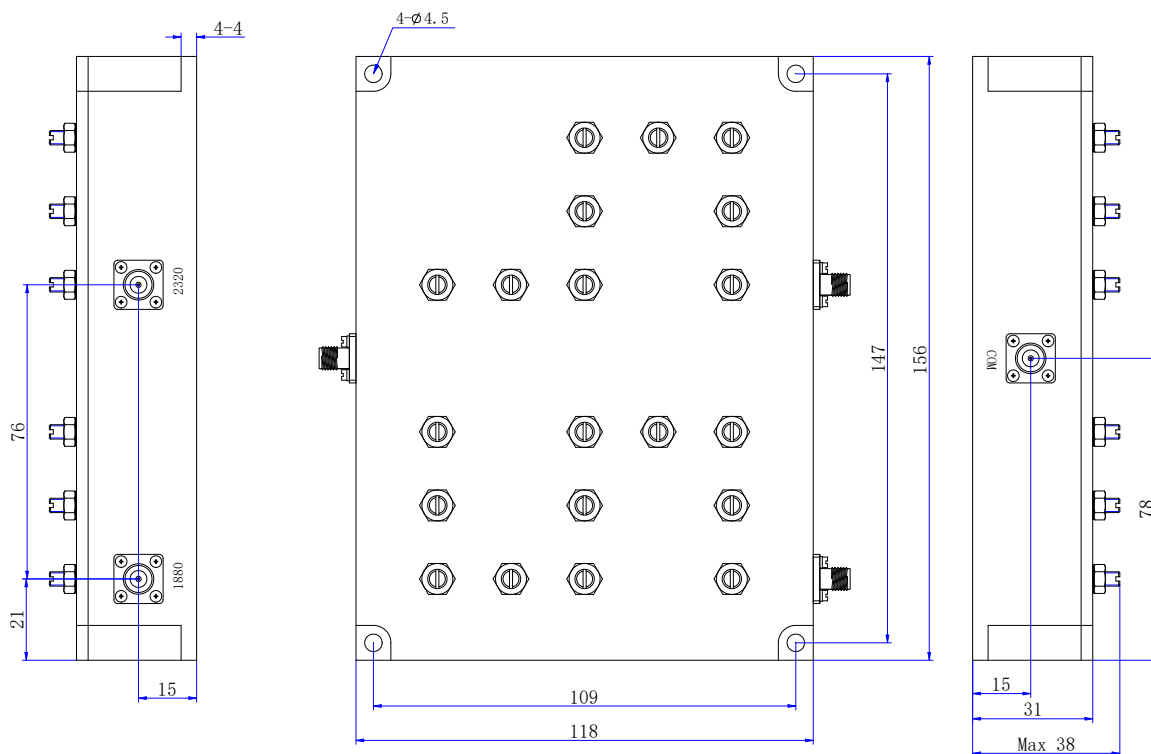


# FS2MP50-1880-2370-S

## Cavity Diplexer Specifications

| Electrical Specifications     |                         |                                                                |                                                              |
|-------------------------------|-------------------------|----------------------------------------------------------------|--------------------------------------------------------------|
| 1                             | Frequency Range         | 19                                                             | 23                                                           |
|                               |                         | 1880~1920MHz                                                   | 2320~2370MHz                                                 |
| 2                             | Insertion Loss          | ≤1.2dB                                                         | ≤0.6dB                                                       |
| 3                             | VSWR                    | ≤1.50:1                                                        | ≤1.50:1                                                      |
| 4                             | Rejection               | ≥50dB@825~960MHz<br>≥25dB@1710~1872.5MHz<br>≥50dB@2010~2700MHz | ≥50dB@825~960MHz<br>≥50dB@1710~2250MHz<br>≥50dB@2410~2700MHz |
| 5                             | Isolation               | ≥65dB@1880~1920MHz&2320~2370MHz                                |                                                              |
| 6                             | Power                   | 50W                                                            |                                                              |
| 7                             | Impedance               | 50Ω                                                            |                                                              |
| Environmental Characteristics |                         |                                                                |                                                              |
| 1                             | Operating Temperature   | -40°C~+85°C                                                    |                                                              |
| Mechanical Characteristics    |                         |                                                                |                                                              |
| 1                             | Connectors              | SMA- Female                                                    |                                                              |
| 2                             | Surface Finishing       | Black Paint                                                    |                                                              |
| 3                             | Dimensions <sup>1</sup> | 156*118*31mm [6.14*4.65*1.22in]                                |                                                              |

### Outline Drawing



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

Note 1: Excluding Connectors