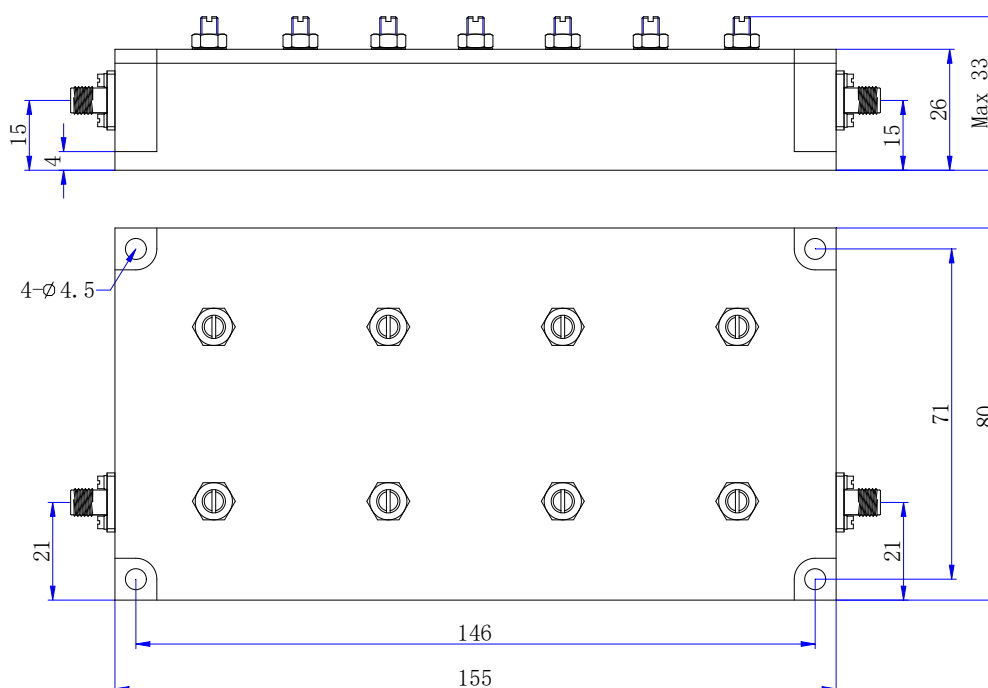


## FSBP100-1450-1500-S

### Cavity Band Pass Filter Specifications

| Electrical Specifications     |                          |                                                                                    |
|-------------------------------|--------------------------|------------------------------------------------------------------------------------|
| 1                             | Center Frequency         | 1475MHz                                                                            |
| 2                             | Pass Band Frequency      | 1450~1500MHz                                                                       |
| 3                             | Pass Band Insertion Loss | ≤1.5dB                                                                             |
| 4                             | VSWR                     | ≤1.3:1                                                                             |
| 5                             | Rejection                | ≥60dB@DC-1400MHz<br>≥30dB@1400-1435MHz<br>≥30dB@1515-1550MHz<br>≥60dB@1550-2000MHz |
| 6                             | Power                    | Average Power: 100W                                                                |
| Environmental Characteristics |                          |                                                                                    |
| 1                             | Operating Temperature    | -20 °C to +65 °C                                                                   |
| 2                             | Environmental Class      | Indoor                                                                             |
| Mechanical Characteristics    |                          |                                                                                    |
| 1                             | Connectors               | SMA-Female                                                                         |
| 2                             | Surface Finishing        | Natural Conductive Oxidation                                                       |
| 3                             | Dimensions <sup>1</sup>  | 155*80*26mm [6.1*1.02*0.55in]                                                      |

#### Outline Drawing



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

Note 1: Excluding Connectors

