

Cavity Filter

ACF1950M2550M40S

Revision record

| Date | Version | Author | Revision description | Comment |
|------------|---------|--------|--|----------------------|
| 2025/01/16 | V1.0 | Sam | Created | / |
| 2025/03/03 | V1.1 | Sam | Update dimensions | Customer requirement |
| 2025/03/17 | V1.2 | Sam | Update the mounting holes to through holes | Apex |

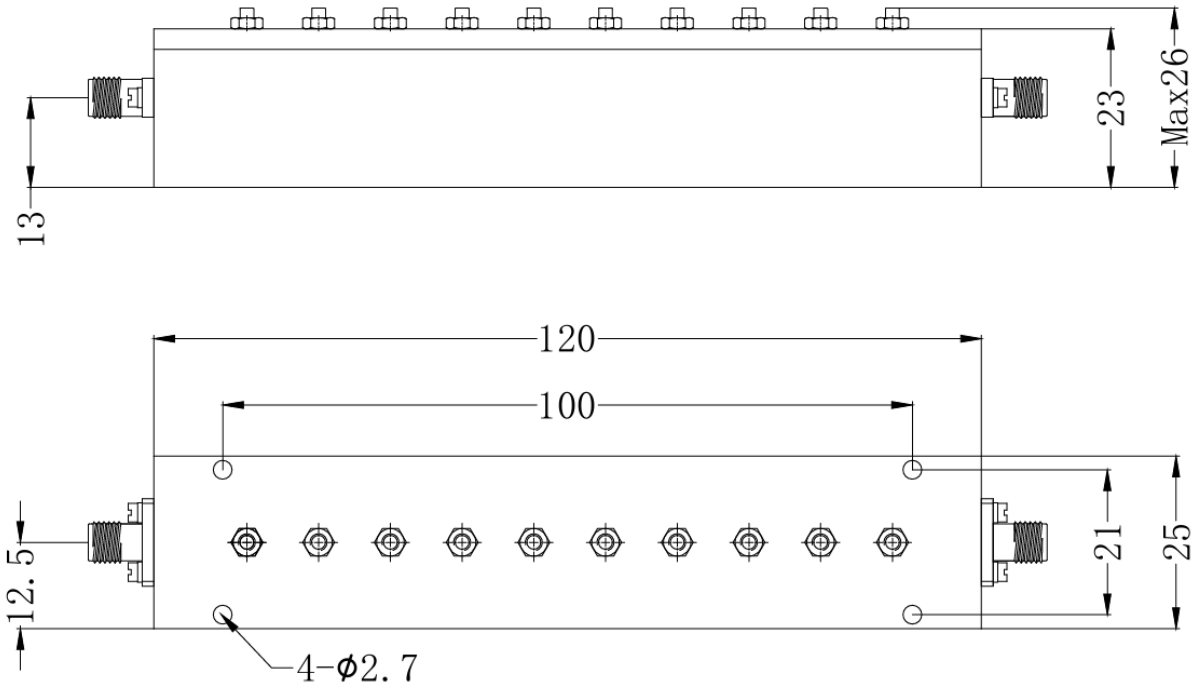
Electrical specification

| Parameter | Specification | |
|-----------------------|------------------|--------------------|
| Frequency range | 1950-2550MHz | |
| Insertion loss | ≤1.0dB | |
| Ripple | ≤0.5dB | |
| VSWR | ≤1.5:1 | |
| Rejection | ≥40dB@DC-1800MHz | ≥40dB@2700-5000MHz |
| Power | 10W | |
| Operating Temperature | -30°C to +70°C | |
| Impedance | 50Ω | |

Mechanical specification

| Parameter | Specification |
|------------|--|
| Dimension | L x W x H: 120mm x 25mm x 23mm(26mm Max) |
| Connectors | SMA-Female |
| Finish | Black spray paint |
| Notes | Material shall be RoHS 6/6 |

Outline



Test curve

