

Cavity Filter

ACF8.9G9.5GS7

Revision record

| Date | Version | Author | Revision description | Comment |
|------------|---------|--------|----------------------|---------|
| 2024/09/05 | V1.2 | Sam | Created | / |
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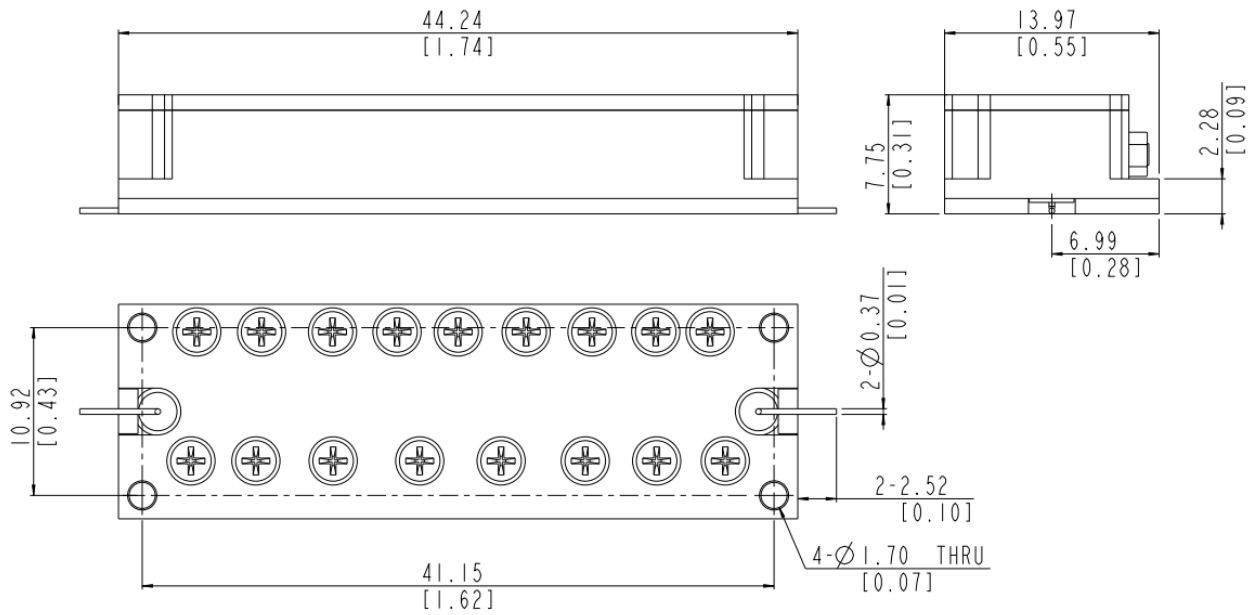
Electrical specification

| Parameter | Specification | |
|-----------------|--------------------------|----------------|
| Frequency range | 8900-9500MHz | |
| Insertion loss | ≤1.7dB | |
| Return loss | ≥14dB | |
| Rejection | ≥25dB@8700MHz | ≥25dB@9700MHz |
| | ≥60dB@8200MHz | ≥60dB@10200MHz |
| Power handling | CW max ≥1W, Peak max ≥2W | |
| Impedance | 50Ω | |

Mechanical specification

| Parameter | Specification |
|------------|---------------------------------------|
| Dimension | L x W x H: 44.24mm x 13.97mm x 7.75mm |
| Connectors | Needle: 2-φ0.37 |
| Finish | Silver |
| Notes | Material shall be RoHS 6/6 |

Outline



The Simulation curve

