

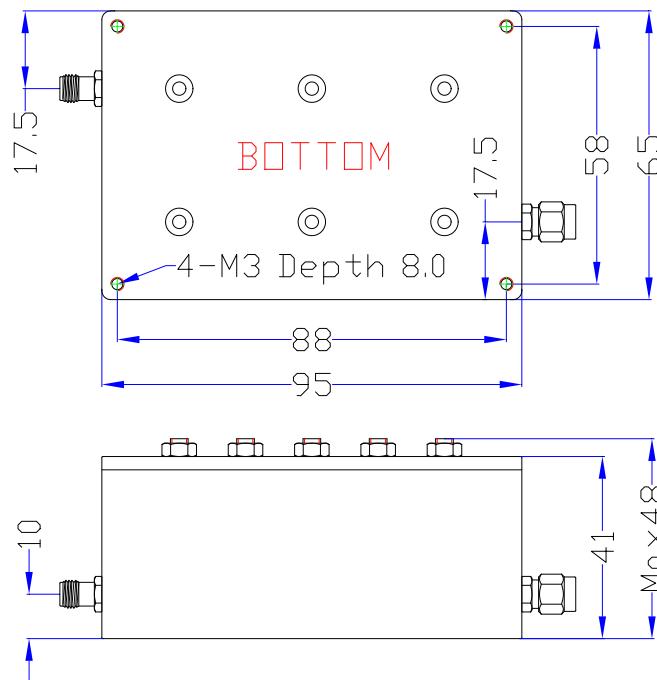
# HXLBQ-DTA804

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters   |
|-----|--------------------------|--|
| 1   | Center Frequency(F0)     | 900MHz   |
| 2   | Pass Band Frequency      | 897.5 ~ 902.5MHz **  |
| 3   | Pass Band Insertion Loss | ≤2.5dB   |
| 4   | Pass Band Ripple         | ≤0.7dB   |
| 5   | Pass Band Return Loss    | ≥20dB  |
| 6   | Stop Band Rejection      | ≥40dB @ DC ~ 890.5MHz      ≥40dB @ 909.5 ~ 3000MHz   |
| 7   | Impedance                | 50 Ohms  |
| 8   | Power Handling           | 20W Max.   |
| 9   | Connectors               | SMA-Male / SMA-Female  |
| 10  | Surface Finish           | Painted Black  |
| 11  | Temperature Range        | -20℃ ~ +60℃  |
| 12  | Material                 | Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy<br>Cover: LY12 Aluminum alloy      Connectors: Stainless Steel<br>Tuning screw: H62 Copper alloy      Other screw: Stainless Steel |
| 13  | Dimensions               | 95*65*41mm   |
| 14  | Net weight               | 0.378 KG   |

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)



\*\* The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.