

# WT-A6368-Q08

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters   |
|-----|--------------------------|--|
| 1   | Center Frequency(F0)     | 10GHz  |
| 2   | Pass Band Bandwidth      | 1.0GHz (9.5 ~ 10.5GHz)   |
| 3   | Pass Band Insertion Loss | ≤0.5dB   |
| 4   | Pass Band Ripple         | ≤0.25dB  |
| 5   | Pass Band VSWR           | ≤1.22:1  |
| 6   | Stop Band Rejection      | ≥80dB @ DC ~ 7.7GHz<br>≥60dB @ 7.7 ~ 8.7GHz<br>≥60dB @ 11.3 ~ 23GHz  |
| 7   | Impedance                | 50 Ohms  |
| 8   | Power Handling           | 5.0W Max.  |
| 9   | Connectors               | SMA-Female   |
| 10  | Surface Finish           | Painted Black  |
| 11  | Temperature Range        | -30°C ~ +70°C  |
| 12  | Material                 | Housing: H62 Copper alloy      Connectors: H59 Copper, Plated ternary alloy<br>Cover: H62 Copper alloy      Other screw: Stainless Steel<br>Tuning screw: H62 Copper alloy |
| 13  | Dimensions               | 70*16*9mm  |
| 14  | Net weight               | 0.07 KG  |

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

