

# WT-A9310-Q11

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters  |
|-----|--------------------------|---|
| 1   | Center Frequency(F0)     | 10.9GHz   |
| 2   | Pass Band Frequency      | 10.3 ~ 11.5GHz  |
| 3   | Pass Band Insertion Loss | ≤0.7dB  |
| 4   | Pass Band Ripple         | ≤0.28dB   |
| 5   | Pass Band Return Loss    | ≥23dB (Input / Output)  |
| 6   | Stop Band Rejection      | ≥80dB @ DC ~ 9.45GHz      ≥80dB @ 12.3 ~ 24.5GHz  |
| 7   | Impedance                | 50 Ohms   |
| 8   | Power Handling           | 5W Max.   |
| 9   | Connectors               | Input: SMA-Male / Output: SMA-Male  |
| 10  | Surface Finish           | Painted Black   |
| 11  | Temperature Range        | -40°C ~ +85°C   |
| 12  | Material                 | Housing: H62 Copper alloy      Connectors: Stainless Steel<br>Cover: H62 Copper alloy      Other screw: Stainless Steel<br>Tuning screw: H62 Copper alloy |
| 13  | Dimensions               | 80*16*9mm   |
| 14  | Net weight               | 0.08 KG   |

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

