

# WT-A9228-Q12

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters  |
|-----|--------------------------|---|
| 1   | Center Frequency(F0)     | 4200MHz   |
| 2   | Pass Band Bandwidth      | 200MHz (4100 ~ 4300MHz)   |
| 3   | Pass Band Insertion Loss | ≤1.5dB  |
| 4   | Pass Band Ripple         | ≤0.8dB  |
| 5   | Pass Band Return Loss    | ≥20dB   |
| 6   | Stop Band Attenuation    | ≥50dB @ DC ~ 4050MHz      ≥50dB @ 4350 ~ 13500MHz   |
| 7   | Impedance                | 50 Ohms   |
| 8   | Power                    | 10W Max.  |
| 9   | Connectors               | SMA-Female  |
| 10  | Surface Finish           | Painted Black   |
| 11  | Temperature Range        | -30°C ~ +70°C   |
| 12  | Material                 | Housing: 6061 Aluminum alloy      Connectors: Stainless Steel<br>Cover: LY12 Aluminum alloy      Other screw: Stainless Steel<br>Tuning screw: H62 Copper alloy |
| 13  | Dimensions               | 78*60*16mm  |
| 14  | Net weight               | 0.14 KG   |

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

