

# WT-A7093-Q08

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters  |
|-----|--------------------------|---|
| 1   | Center Frequency(F0)     | 12.5GHz   |
| 2   | Pass Band Bandwidth      | 0.5GHz (12.25 ~ 12.75GHz)   |
| 3   | Pass Band Insertion Loss | ≤1.0dB  |
| 4   | Pass Band Ripple         | ≤0.3dB  |
| 5   | Pass Band VSWR           | ≤1.22:1   |
| 6   | Stop Band Rejection      | ≥40dB @ DC ~ 11.95GHz      ≥40dB @ 13.05 ~ 26GHz  |
| 7   | Impedance                | 50 Ohms   |
| 8   | Power                    | 5W Max.   |
| 9   | Connectors               | SMA-Female  |
| 10  | Surface Finish           | Painted Black   |
| 11  | Temperature Range        | -30°C ~ +70°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               | 70*16*9mm   |
| 14  | Net weight               | 0.066 KG  |

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

