

# WT-A8823-Q13

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters  |
|-----|--------------------------|---|
| 1   | Center Frequency(F0)     | 17.3GHz   |
| 2   | Pass Band Frequency      | 16.8 ~ 17.8GHz  |
| 3   | Pass Band Insertion Loss | ≤1.0dB  |
| 4   | Pass Band Ripple         | ≤0.3dB  |
| 5   | Pass Band Return Loss    | ≥23dB   |
| 6   | Stop Band Rejection      | ≥80dB @ DC ~ 15.9GHz      ≥70dB @ 18.45 ~ 18.7GHz<br>≥60dB @ 15.9 ~ 16.15GHz      ≥80dB @ 18.7 ~ 39GHz  |
| 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: Stainless Steel<br>Cover: H62 Copper alloy      Other screw: Stainless Steel<br>Tuning screw: H62 Copper alloy |
| 13  | Dimensions               | 70*16*9mm   |
| 24  | Net weight               | 0.073 KG  |

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

