

# WT-A7037-Q03

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters   |
|-----|--------------------------|--|
| 1   | Center Frequency(F0)     | 2067.5MHz  |
| 2   | Pass Band Frequency      | 2025 ~ 2110MHz   |
| 3   | Pass Band Insertion Loss | ≤0.6dB   |
| 4   | Pass Band Ripple         | ≤0.1dB   |
| 5   | Pass Band VSWR           | ≤1.22:1  |
| 6   | Stop Band Rejection      | ≥7.0dB @ DC ~ 1925MHz      ≥7.0dB @ 2210 ~ 6000MHz   |
| 7   | Impedance                | 50 Ohms  |
| 8   | Power Handling           | 5.0W Max.  |
| 9   | Connectors               | SMA-Female   |
| 10  | Surface Finish           | Painted Black  |
| 11  | Temperature Range        | 0°C ~ +50°C  |
| 12  | Material                 | Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy<br>Cover: H62 Copper alloy          Connectors: H59 Copper, Plated ternary alloy<br>Tuning screw: H62 Copper alloy    Other screw: Stainless Steel |
| 13  | Dimensions               | 50*21*20mm   |
| 14  | Net weight               | 0.053 KG   |

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

