

# WT-A5954-S09

## Comb Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters   |
|-----|--------------------------|--|
| 1   | Center Frequency(F0)     | 5.0GHz   |
| 2   | Pass Band Bandwidth      | 1000MHz (4.5 ~ 5.5GHz)   |
| 3   | Pass Band Insertion Loss | ≤0.5dB   |
| 4   | Pass Band Insertion Loss | ≤0.2dB   |
| 5   | Pass Band VSWR           | ≤1.22:1  |
| 6   | Stop Band Attenuation    | ≥50dB @ DC ~ 4.0GHz      ≥60dB @ 6.0 ~ 17GHz   |
| 7   | Impedance                | 50 Ohms  |
| 8   | Power Handling           | 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: H59 Copper, Plated ternary alloy<br>Cover: H62 Copper alloy      Other screw: Stainless Steel<br>Tuning screw: H62 Copper alloy |
| 13  | Dimensions               | 70*17*12mm   |
| 14  | Net weight               | 0.09 KG  |

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

