

# WT-A6437-S20

## Comb Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters   |   |
|-----|--------------------------|--|---|
| 1   | Center Frequency(F0)     | 18050MHz   |   |
| 2   | Pass Band Frequency      | 16000 ~ 20100MHz   |   |
| 3   | Pass Band Insertion Loss | ≤1.1dB   |   |
| 4   | Pass Band Ripple         | ≤0.4dB @ 16200 ~ 19900MHz<br>≤0.75dB @ 16000 ~ 20100MHz                                |   |
| 5   | Pass Band VSWR           | ≤1.3:1   |   |
| 6   | Stop Band Rejection      | ≥45dB @ DC ~ 15650MHz<br>≥10dB @ 15650 ~ 15850MHz                                      | ≥10dB @ 20250 ~ 20450MHz<br>≥45dB @ 20450 ~ 34500MHz        |
| 7   | Impedance                | 50 Ohms  |   |
| 8   | Power                    | 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<br>Cover: H62 Copper alloy<br>Tuning screw: H62 Copper alloy | Connectors: Stainless Steel<br>Other screw: Stainless Steel |
| 13  | Dimensions               | 120*16*9.5mm   |   |
| 14  | Net weight               | 0.122 KG   |   |

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

