

# WT-A8873-Q08

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters  |
|-----|--------------------------|---|
| 1   | Center Frequency(F0)     | 897.5MHz  |
| 2   | Pass Band Frequency      | 880 ~ 915MHz  |
| 3   | Pass Band Insertion Loss | ≤1.7dB  |
| 4   | Pass Band Ripple         | ≤1.1dB  |
| 5   | Pass Band Return Loss    | ≥20dB   |
| 6   | Stop Band Rejection      | ≥30dB @ DC ~ 875MHz      ≥30dB @ 920 ~ 3000MHz  |
| 7   | Impedance                | 50 Ohms   |
| 8   | Power Handling           | 20W Max.  |
| 9   | Connectors               | N-Female  |
| 10  | Surface Finish           | Painted Black   |
| 11  | Temperature Range        | -20°C ~ +60°C   |
| 12  | Material                 | Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy<br>Cover: LY12 Aluminum alloy      Connectors: H59 Copper, Plated ternary alloy<br>Tuning screw: H62 Copper alloy      Other screw: Stainless Steel |
| 13  | Dimensions               | 120*62*41mm   |
| 14  | Net weight               | 0.47 KG   |

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

