

HXLBQ-DTA987

Comb Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters |
|-----|--------------------------|---|
| 1 | Center Frequency(F0) | 15.5GHz |
| 2 | Pass Band Frequency | 13 ~ 18GHz |
| 3 | Pass Band Insertion Loss | ≤1.2dB |
| 4 | Pass Band Ripple | ≤0.7dB |
| 5 | Pass Band Return Loss | ≥18dB |
| 6 | Stop Band Rejection | ≥80dB @ DC ~ 11.3GHz ≥40dB @ 18.5 ~ 18.6GHz ≥50dB @ 11.3 ~ 12GHz ≥50dB @ 18.6 ~ 18.8GHz ≥15dB @ 12 ~ 12.5GHz ≥80dB @ 18.8 ~ 27GHz |
| 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 Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy |
| 13 | Dimensions | 90*16*11mm |
| 14 | Net weight | TBD |

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

