

HXLBQ-DTA412

Cavity Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters | |
|-----|--------------------------|--|--|
| 1 | Center Frequency(F0) | 892MHz | |
| 2 | Pass Band Frequency | 824 ~ 960MHz | |
| 3 | Pass Band Insertion Loss | ≤1.5dB | |
| 4 | Pass Band Ripple | ≤0.7dB | |
| 5 | Pass Band Return Loss | ≥20dB | |
| 6 | Stop Band Rejection | ≥40dB @ DC ~ 794MHz | ≥40dB @ 990 ~ 2000MHz |
| 7 | Impedance | 50 Ohms | |
| 8 | Power Handling | 20W Max. | |
| 9 | Connectors | SMA-Female | |
| 10 | Surface Finish | Painted Black | |
| 11 | Temperature Range | -30°C ~ +70°C | |
| 12 | Material | Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy | Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel |
| 13 | Dimensions | 224*45*30mm | |
| 14 | Net weight | TBD | |

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

