

- **Model:** HXLBQ-DTA1274
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 50~67GHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

| Item | Parameters |
|----------------------------|---|
| ● Center Frequency(F0) | 58.5GHz |
| ● Pass Band Frequency | 50 ~ 67GHz |
| ● Pass Band Insertion Loss | ≤1.5dB |
| ● Pass Band Ripple | ≤0.7dB |
| ● Pass Band Return Loss | ≥11dB |
| ● Stop Band Rejection | ≥80dB @ DC ~ 47.8GHz ≥20dB @ 69 ~ 70GHz ≥40dB @ 47.8 ~ 49GHz ≥20dB @ 70 ~ 72GHz (Don't Test) |
| ● Impedance | 50 Ohms |
| ● Power Handling | 5W Max. |
| ● Connectors | 1.85mm(V)-Female |
| ● Surface Finish | Painted Black |
| ● Temperature Range | -30°C ~ +70°C |
| ● Net weight | TBD |

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

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|-------------------|----------------------------------|--------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 60*14*10.5mm |

