

- **Model:** HXLBQ-DTA525
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 4600~5700MHz

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

| Technical Data Sheet       |  |   |
|----------------------------|--|---|
| Item                       | Parameters                                     |   |
| ● Center Frequency(F0)     | 5150MHz  |   |
| ● Pass Band Frequency      | 4600 ~ 5700MHz                                 |   |
| ● Pass Band Insertion Loss | ≤1.5dB   |   |
| ● Pass Band Ripple         | ≤0.88dB  |   |
| ● Pass Band Return Loss    | ≥20dB  |   |
| ● Stop Band Rejection      | ≥80dB @ DC ~ 4230MHz<br>≥60dB @ 4230 ~ 4350MHz | ≥68dB @ 5950 ~ 6000MHz<br>≥80dB @ 6000 ~ 17000MHz |
| ● Impedance                | 50 Ohms  |   |
| ● Power Handling           | 5W Max.  |   |
| ● Connectors               | SMA-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: ±0.5mm)

- |                   |                                  |                               |
|-------------------|----------------------------------|-------------------------------|
| ● <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*16*15mm     |

