

- **Model:** HXLBQ-DTA1058
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6800~7200MHz

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

| Technical Data Sheet       |   |
|----------------------------|---|
| Item                       | Parameters  |
| ● Center Frequency(F0)     | 7000MHz   |
| ● Pass Band Frequency      | 6800 ~ 7200MHz                                    |
| ● Pass Band Insertion Loss | ≤1.0dB  |
| ● Pass Band Ripple         | ≤0.5dB  |
| ● Pass Band Return Loss    | ≥23dB   |
| ● Stop Band Rejection      | ≥80dB @ DC ~ 6400MHz      ≥80dB @ 7600 ~ 18000MHz |
| ● Impedance                | 50 Ohms   |
| ● Power Handling           | 5.0W Max.   |
| ● Connectors               | SMA-Female  |
| ● Surface Finish           | Painted Black                                     |
| ● Temperature Range        | -30°C ~ +70°C                                     |
| ● Net weight               | 0.06 KG   |

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: 90*18*13mm      |

