

- **Model:** HXLBQ-DTA817X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3100~3400MHz

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

**Technical Data Sheet**

| Item                       | Parameters  |
|----------------------------|---|
| ● Center Frequency(F0)     | 3250MHz   |
| ● 3.0dB Bandwidth          | 300MHz (3100 ~ 3400MHz)<br>[Deviation: ±10MHz @ Temperature Range: +20°C ~ +30°C] |
| ● Pass Band Bandwidth      | 200MHz (3150 ~ 3350MHz)   |
| ● Pass Band Insertion Loss | ≤1.0dB @ 3150 ~ 3350MHz   |
| ● Pass Band Ripple         | ≤0.5dB @ 3150 ~ 3350MHz   |
| ● Pass Band Return Loss    | ≥23dB @ 3150 ~ 3350MHz  |
| ● Stop Band Rejection      | ≥45dB @ DC ~ 2900MHz      ≥45dB @ 3600 ~ 9500MHz                                  |
| ● Impedance                | 50 Ohms   |
| ● Power Handling           | 10W Max.  |
| ● Connectors               | SMA-Female  |
| ● Surface Finish           | Painted Black   |
| ● Temperature Range        | -30°C ~ +70°C   |
| ● Net weight               | 0.06 KG   |

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

- ◆ **Material**
- Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 80\*20\*21mm

