

- **Model:** HXLBQ-DTA657X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1710~1910MHz

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

Technical Data Sheet

| Item | Parameters |
|----------------------------|--|
| ● Center Frequency(F0) | 1810MHz |
| ● Pass Band Frequency | 1710 ~ 1910MHz |
| ● Pass Band Insertion Loss | ≤1.0dB |
| ● Pass Band Ripple | ≤0.3dB |
| ● Pass Band Return Loss | ≥23dB |
| ● Stop Band Rejection | ≥80dB @ DC ~ 1480MHz ≥70dB @ 2060 ~ 2090MHz ≥60dB @ 1480 ~ 1560MHz ≥80dB @ 2090 ~ 7500MHz |
| ● Impedance | 50 Ohms |
| ● Power Handling | 10W 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)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 110*25*27mm

