

- **Model: HXLBQ-DTA714**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3595~3645MHz**

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

Technical Data Sheet

| Item | Parameters | |
|----------------------------|--|---|
| ● Center Frequency(F0) | 3620MHz | |
| ● Pass Band Frequency | 3595 ~ 3645MHz | |
| ● Pass Band Insertion Loss | ≤1.0dB | |
| ● Pass Band Ripple | ≤0.1dB | |
| ● Pass Band Return Loss | ≥23dB | |
| ● Stop Band Rejection | ≥80dB @ DC ~ 3290MHz ≥60dB @ 3290 ~ 3395MHz | ≥60dB @ 3845 ~ 3940MHz ≥80dB @ 3940 ~ 12000MHz |
| ● 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: 70*19*20mm

