

- **Model:** HXLBQ-DTA284
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1295~1305MHz

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

Technical Data Sheet

| Item | Parameters |
|----------------------------|--------------------------------------------------|
| ● Center Frequency(F0) | 1300MHz |
| ● Pass Band Bandwidth | ±5.0MHz (1295 ~ 1305MHz) |
| ● Pass Band Insertion Loss | ≤2.0dB |
| ● Pass Band Ripple | ≤0.5dB |
| ● Pass Band VSWR | ≤1.3:1 |
| ● Stop Band Rejection | ≥30dB @ DC ~ 1280MHz ≥30dB @ 1320 ~ 3500MHz |
| ● Impedance | 50 Ohms |
| ● Power | 20W 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: H59 Copper, Plated ternary alloy
- Other screw: Stainless Steel
- Dimensions: 103*43*25mm

