

- **Model: HXLBQ-DTA835X**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2850~3250MHz**

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

Technical Data Sheet

| Item | Parameters | |
|------------------------|---|------------------------|
| ● Center Frequency(F0) | 3050MHz | |
| ● 3.0dB Bandwidth | 400MHz (2850 ~ 3250MHz) [Deviation: ±30MHz @ Temperature Range: +20°C ~ +30°C] | |
| ● Insertion Loss @ F0 | ≤1.0dB @ 3050MHz | |
| ● Return Loss | ≥23dB @ 2900 ~ 3200MHz | |
| ● Stop Band Rejection | ≥80dB @ DC ~ 2500MHz | ≥40dB @ 3400 ~ 3600MHz |
| | ≥40dB @ 2500 ~ 2700MHz | ≥80dB @ 3600 ~ 8000MHz |
| ● Impedance | 50 Ohms | |
| ● Power Handling | 10W Max. | |
| ● Connectors | SMA-Female | |
| ● Surface Finish | Painted Black | |
| ● Temperature Range | -30°C ~ +70°C | |
| ● Net weight | TBD | |

● **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: 100*22*22mm

