

- **Model: HXLBQ-DTA432**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 332~348MHz**

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

| Technical Data Sheet                                                  |                          |                                                                                              |                                                                                                  |
|-----------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Item                                                                  |                          | Parameters                                                                                   |                                                                                                  |
| ●                                                                     | Center Frequency(F0)     | 340MHz                                                                                       |                                                                                                  |
| ●                                                                     | Pass Band Frequency      | 332 ~ 348MHz                                                                                 |                                                                                                  |
| ●                                                                     | Pass Band Insertion Loss | ≤1.0dB                                                                                       |                                                                                                  |
| ●                                                                     | Pass Band Ripple         | ≤0.3dB                                                                                       |                                                                                                  |
| ●                                                                     | Pass Band Return Loss    | ≥20dB                                                                                        |                                                                                                  |
| ●                                                                     | Stop Band Rejection      | ≥60dB @ DC ~ 302MHz                                                                          | ≥60dB @ 378 ~ 1000MHz                                                                            |
| ●                                                                     | Impedance                | 50 Ohms                                                                                      |                                                                                                  |
| ●                                                                     | Power                    | 20W Max.                                                                                     |                                                                                                  |
| ●                                                                     | Connectors               | SMA-Female                                                                                   |                                                                                                  |
| ●                                                                     | Surface Finish           | Painted Black                                                                                |                                                                                                  |
| ●                                                                     | Temperature Range        | -30℃ ~ +70℃                                                                                  |                                                                                                  |
| ●                                                                     | Material                 | Housing: 6061 Aluminum alloy<br>Cover: LY12 Aluminum alloy<br>Tuning screw: H62 Copper alloy | Resonant column: H59 Copper alloy<br>Connectors: Stainless Steel<br>Other screw: Stainless Steel |
| ●                                                                     | Dimensions               | 137*93*67mm                                                                                  |                                                                                                  |
| ●                                                                     | Net weight               | TBD                                                                                          |                                                                                                  |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm) |                          |                                                                                              |                                                                                                  |

