

- **Model: HXLBQ-DTA799**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 25000~35000MHz**

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

| Technical Data Sheet       |                                |                              |
|----------------------------|--------------------------------|------------------------------|
| Item                       | Parameters                     |                              |
| ● Center Frequency(F0)     | 30000MHz                       |                              |
| ● Pass Band Frequency      | 25000 ~ 35000MHz **            |                              |
| ● Pass Band Insertion Loss | ≤1.0dB                         |                              |
| ● Pass Band Ripple         | ≤0.6dB                         |                              |
| ● Pass Band Return Loss    | ≥18dB                          |                              |
| ● Stop Band Rejection      | ≥80dB @ DC ~ 23300MHz          | ≥50dB @ 36200 ~ 37000MHz     |
|                            | ≥50dB @ 23300 ~ 24000MHz       | ≥80dB @ 37000 ~ 42000MHz     |
| ● Impedance                | 50 Ohms                        |                              |
| ● Power Handling           | 5.0W Max.                      |                              |
| ● Connectors               | 2.92mm(K)-Female               |                              |
| ● Surface Finish           | Painted Black                  |                              |
| ● Temperature Range        | -30℃ ~ +70℃                    |                              |
| ● Material                 | Housing: H62 Copper alloy      | Connectors: Stainless Steel  |
|                            | Cover: H62 Copper alloy        | Other screw: Stainless Steel |
|                            | Tuning screw: H62 Copper alloy |                              |
| ● Dimensions               | 70*16*8.8mm                    |                              |
| ● Net weight               | TBD                            |                              |

\*\* 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: ±0.3mm)

