

- **Model:** HXLBQ-DTA1113
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1089~1091MHz

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

| Technical Data Sheet       |                                |                                   |
|----------------------------|--------------------------------|-----------------------------------|
| Item                       | Parameters                     |                                   |
| ● Center Frequency(F0)     | 1090MHz                        |                                   |
| ● Pass Band Frequency      | 1089 ~ 1091MHz **              |                                   |
| ● Pass Band Insertion Loss | ≤1.0dB                         |                                   |
| ● Pass Band Ripple         | ≤0.3dB                         |                                   |
| ● Pass Band Return Loss    | ≥23dB                          |                                   |
| ● Stop Band Rejection      | ≥80dB @ DC ~ 1010MHz           | ≥60dB @ 1141 ~ 1170MHz            |
|                            | ≥60dB @ 1010 ~ 1039MHz         | ≥80dB @ 1170 ~ 5000MHz            |
| ● Impedance                | 50 Ohms                        |                                   |
| ● Power Handling           | 10W Max.                       |                                   |
| ● Connectors               | SMA-Male / SMA-Female          |                                   |
| ● Surface Finish           | Painted Black                  |                                   |
| ● Temperature Range        | -20°C ~ +60°C                  |                                   |
| ● Material                 | Housing: 6061 Aluminum alloy   | Resonant column: H59 Copper alloy |
|                            | Cover: LY12 Aluminum alloy     | Connectors: Stainless Steel       |
|                            | Tuning screw: H62 Copper alloy | Other screw: Stainless Steel      |
| ● Dimensions               | 100*28*28mm                    |                                   |
| ● Net weight               | 0.13 KG                        |                                   |

\*\* 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)

