

- **Model:** HXLBQ-DTA157
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1559.298~1562.898MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	1561.098MHz
● Pass Band Bandwidth	±1.8MHz (1559.298 ~ 1562.898MHz)
● Pass Band Insertion Loss	≤2.6dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥50dB @ F0±10MHz (DC ~ 1551.098MHz , 1571.098 ~ 3000MHz)
● Impedance	50 Ohms
● Power	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°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: 98\*66\*33mm

