

- **Model:** HXLBQ-DTA155
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 12~12.15GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	12.075GHz
● Pass Band Frequency	12 ~ 12.15GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥55dB @ DC ~ 9.975GHz ≥40dB @ 13.15 ~ 14.175GHz ≥40dB @ 9.975 ~ 11GHz ≥55dB @ 14.175 ~ 18GHz
● Impedance	50 Ohms
● Power	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-40°C ~ +60°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: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 26*26*12mm

