

- **Model:** HXLBQ-DTA458
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 12250~12750MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	12500MHz
● Pass Band Frequency	12250 ~ 12750MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.3dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥80dB @ DC ~ 11600MHz ≥65dB @ 13250 ~ 13400MHz ≥65dB @ 11600 ~ 11750MHz ≥80dB @ 13400 ~ 26000MHz
● Impedance	50 Ohms
● Power	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.066 KG

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: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 70*16*12mm

