



- **Model:** HXLBQ-DTA433
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 11.5~12.5GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	12GHz
● Pass Band Frequency	11.5 ~ 12.5GHz
● Pass Band Insertion Loss	≤0.7dB
● Pass Band Ripple	≤0.2dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥70dB @ DC ~ 10.7GHz ≥70dB @ 13.3 ~ 23GHz
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.077 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: 80*16*12mm

