



- **Model:** HXLBQ-DTA1233
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5711.5~5712.5MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	5712MHz
● Pass Band Frequency	5711.5 ~ 5712.5MHz
● Pass Band Insertion Loss	≤5.0dB
● Pass Band Ripple	≤0.2dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥70dB @ DC ~ 5685.5MHz ≥70dB @ 5738.5 ~ 14000MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Dimensions	130*26*14mm
● Net weight	0.235 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: ±0.3mm)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

