

- **Model:** HXLBQ-DTA1212
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 13231~13331MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	13281MHz	
● Pass Band Frequency	13231 ~ 13331MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥40dB @ DC ~ 13051MHz	≥40dB @ 13511 ~ 25000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°C	
● Dimensions	72*40*8mm	
● 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: ±0.3mm)

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

