

- **Model:** HXLBQ-DTA1010
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 11300~13300MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	12300MHz	
● Pass Band Frequency	11300 ~ 13300MHz **	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.9dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 10500MHz	≥60dB @ 13900 ~ 14100MHz
	≥60dB @ 10500 ~ 10700MHz	≥80dB @ 14100 ~ 34000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	80*16*8.5mm	
● Net weight	TBD	

** 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)

