

- **Model:** HXLBQ-DTA1210
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 10000~11000MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	10500MHz	
● Pass Band Frequency	10000 ~ 11000MHz	
● Pass Band Insertion Loss	≤1.3dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 9250MHz	≥40dB @ 11300 ~ 11500MHz
	≥65dB @ 9250 ~ 9500MHz	≥65dB @ 11500 ~ 11750MHz
	≥40dB @ 9500 ~ 9700MHz	≥80dB @ 11750 ~ 23000MHz
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	80*16*9mm	
● 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: ±0.3mm)

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

