

- **Model:** HXLBQ-DTA621
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2950~3150MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	3050MHz	
● Pass Band Frequency	2950 ~ 3150MHz	
● Pass Band Insertion Loss	≤0.85dB	
● Pass Band Ripple	≤0.22dB	
● Pass Band Return Loss	≥23dB	
● Pass Band Group Delay	≤11.5ns	
● Pass Band Group Delay Variation	≤3.5ns	
● Stop Band Rejection	≥80dB @ DC ~ 2670MHz	≥53dB @ 3300 ~ 3400MHz
	≥50dB @ 2670 ~ 2800MHz	≥80dB @ 3400 ~ 10000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● 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: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 90*20*21mm

