

- **Model:** HXLBQ-DTA986
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2988~3008MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	2998MHz	
● Pass Band Frequency	2988 ~ 3008MHz	
● Pass Band Insertion Loss	≤3.2dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 2938MHz ≥40dB @ 2938 ~ 2968MHz	≥40dB @ 3028 ~ 3058MHz ≥80dB @ 3058 ~ 12000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	0°C ~ +50°C	
● Net weight	0.082 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: ±0.5mm)

- ◆ **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 120*20*20mm

