

- **Model: HXLBQ-DTA486**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2965~2985MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	2975MHz	
● Pass Band Frequency	2965 ~ 2985MHz	
● Pass Band Insertion Loss	≤3.2dB	
● Pass Band Ripple	≤0.65dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 2915MHz	≥40dB @ 3005 ~ 3035MHz
	≥40dB @ 2915 ~ 2945MHz	≥80dB @ 3035 ~ 8000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	0°C ~ +50°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: ±0.5mm)

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

