

- **Model: HXLBQ-DTA927**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 14700~14800MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	14750MHz	
● Pass Band Frequency	14700 ~ 14800MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 14320MHz	≥60dB @ 15100 ~ 15180MHz
	≥60dB @ 14320 ~ 14400MHz	≥80dB @ 15180 ~ 30000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.081 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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*16*12mm      |

