

- **Model: HXLBQ-DTA1014**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 10800~11800MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	11300MHz	
● Pass Band Frequency	10800 ~ 11800MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.2dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 9850MHz ≥60dB @ 9850 ~ 10000MHz	≥65dB @ 12600 ~ 12700MHz ≥80dB @ 12700 ~ 22000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● 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: ±0.5mm)

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

