

- **Model: HXLBQ-DTA777**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 8800~10000MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	9400MHz	
● Pass Band Frequency	8800 ~ 10000MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤1.1dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 8400MHz ≥50dB @ 8400 ~ 8600MHz	≥50dB @ 10200 ~ 10400MHz ≥80dB @ 10400 ~ 20000MHz
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 110*16*12mm |

