

- **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 @ 10200 ~ 10400MHz
	≥50dB @ 8400 ~ 8600MHz	≥80dB @ 10400 ~ 20000MHz
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	110*16*9.5mm	
● Net weight	TBD	

**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: ±0.3mm)

