

- **Model:** HXLBQ-DTA958
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 4400~4600MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	4500MHz	
● Pass Band Frequency	4400 ~ 4600MHz **	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 4150MHz	≥70dB @ 4800 ~ 4850MHz
	≥70dB @ 4150 ~ 4200MHz	≥80dB @ 4850 ~ 10000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-40°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	90*17*13mm	
● 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)

