

- **Model: HXLBQ-DTA952**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 6500~7900MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	7200MHz	
● Pass Band Frequency	6500 ~ 7900MHz **	
● Pass Band Insertion Loss	≤1.7dB (Typical: ≤1.5dB)	
● Pass Band Ripple	≤0.85dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6225MHz	≥20dB @ 8000 ~ 8100MHz
	≥60dB @ 6225 ~ 6300MHz	≥62dB @ 8100 ~ 8155MHz
	≥20dB @ 6300 ~ 6400MHz	≥80dB @ 8155 ~ 23000MHz
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Male / SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-10°C ~ +50°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	120*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)

