

- **Model:** HXLBQ-DTA641
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 14.96 ~ 14.99GHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	14.975GHz	
● 3.0dB Bandwidth	30MHz Max. (14.96 ~ 14.99GHz Max.)	
● Insertion Loss @ F0	≤5.5dB @ 14.975GHz	
● Return Loss	≥18dB @ 14.974 ~ 14.976GHz	
● Stop Band Rejection	≥40dB @ DC ~ 14.92GHz	≥40dB @ 15.03 ~ 18GHz
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	+15°C ~ +25°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	80*19*15mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

