

- **Model:** HXLBQ-DTA297
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 14~14.8GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	14.4GHz	
● Pass Band Frequency	14 ~ 14.8GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥50dB @ DC ~ 13.4GHz	≥50dB @ 15.4 ~ 26GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
● Dimensions	80*16*9mm	
● Net weight	0.075 KG	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

