

- **Model:** HXLBQ-DTA293X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 12~12.75GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	12.375GHz	
● Pass Band Frequency	12 ~ 12.75GHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥50dB @ DC ~ 10.95GHz	≥50dB @ 13.8 ~ 24GHz
● Impedance	50 Ohms	
● Power Handling	10W 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*10mm	
● Net weight	0.075KG	

●**Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)

