

- **Model:** HXLBQ-DTA249
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5725~5850MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5787.5MHz	
● Pass Band Frequency	5725 ~ 5850MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥80dB @ DC ~ 5500MHz ≥60dB @ 5500~ 5625MHz	≥60dB @ 5950 ~ 9000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● 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	73*39*12mm	
● Net weight	TBD	

●**Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.5\text{mm}$)

