

- **Model:** HXLBQ-DTA713
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5600~5900MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	5750MHz	
● Pass Band Frequency	5600 ~ 5900MHz **	
● Pass Band Insertion Loss	≤1.1dB	
● Pass Band Ripple	≤0.35dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 5330MHz	≥50dB @ 6050 ~ 6140MHz
	≥50dB @ 5330 ~ 5450MHz	≥80dB @ 6140 ~ 13000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	N-Male / N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	100*19*20mm	
● 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: $\pm 0.3\text{mm}$)

