

- **Model: HXLBQ-DTA912**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 5204~5304MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	5254MHz	
● Pass Band Frequency	5204 ~ 5304MHz **	
● Pass Band Insertion Loss	≤1.0dB (Typical: ≤0.8dB)	
● Pass Band Ripple	≤0.12dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 4958MHz	≥50dB @ 5454 ~ 5550MHz
	≥50dB @ 4958 ~ 5054MHz	≥80dB @ 5550 ~ 17000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	90*18*11mm	
● 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: ±0.3mm)

