

- **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 @ 4958 ~ 5054MHz
	≥50dB @ 5454 ~ 5550MHz ≥80dB @ 5550 ~ 17000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

Note: 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: ±0.5mm)

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| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 90*18*14mm |

