

- **Model:** HXLBQ-DTA944
- **Product Name:** Dot Frequency Cavity Filter
- **Frequency:** 4990~5010MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	5000MHz
● 3dB Bandwidth	20MHz Max. (4990 ~ 5010MHz Max.)
● Insertion Loss @ F0	≤1.5dB @ 5000MHz
● Return Loss @ F0	≥18dB @ 5000MHz
● Stop Band Rejection	≥50dB @ F0±70MHz (DC ~ 4930MHz , 5070 ~ 9000MHz)
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Net weight	0.31 KG

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: ±0.3mm)

● **Material**

- Housing: H62 Copper alloy
- Cover: H62 Copper alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Other screw: Stainless Steel
- Dimensions: 110*38*20mm

