

- **Model:** HXLBQ-DTA947
- **Product Name:** Dot Frequency Cavity Filter
- **Frequency:** 8990~9010MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	9000MHz
● 3dB Bandwidth	20MHz Max. (8990 ~ 9010MHz Max.)
● Insertion Loss @ F0	≤2.0dB @ 9000MHz
● Return Loss @ F0	≥18dB @ 9000MHz
● Stop Band Rejection	≥40dB @ F0±70MHz (DC ~ 8930MHz , 9070 ~ 12000MHz)
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Net weight	0.19 KG

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 90*25*20mm

