



- **Model: HXLBQ-DTA939**
- **Product Name: Dot Frequency Cavity Filter**
- **Frequency: 6990~7010MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	7000MHz
● 3dB Bandwidth	20MHz Max. (6990 ~ 7010MHz Max.)
● Insertion Loss @ F0	≤2.5dB @ 7000MHz
● Return Loss @ F0	≥18dB @ 7000MHz
● Stop Band Rejection	≥40dB @ F0±70MHz (DC ~ 6930MHz , 7070 ~ 10000MHz)
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Dimensions	90*25*17mm
● 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: ±0.3mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

