

- **Model: HXLBQ-DTA1174**
- **Product Name: Dot Frequency Cavity Filter**
- **Frequency: 3016.9MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	3016.9MHz
● Design Bandwidth	About: 4.2MHz
● Insertion Loss @ F0	≤5.0dB @ F0
● Return Loss @ F0	≥18dB @ F0
● Stop Band Rejection	≥60dB @ F0±20MHz (DC ~ 2996.9MHz , 3036.9MHz ~ 7000MHz)
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Dimensions	140*38*18mm
● 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

