

- **Model:** HXLBQ-DTA641
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 14.96 ~ 14.99GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	14.975GHz
● 3.0dB Bandwidth	30MHz Max. (14.96 ~ 14.99GHz Max.)
● Insertion Loss @ F0	≤5.5dB @ 14.975GHz
● Return Loss	≥18dB @ 14.974 ~ 14.976GHz
● Stop Band Rejection	≥40dB @ DC ~ 14.92GHz ≥40dB @ 15.03 ~ 18GHz
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +25°C
● Net weight	TBD

● **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: 80*19*18mm

