

- **Model:** HXLBQ-DTA769
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 14870~14910MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	14890MHz
● Pass Band Frequency	14870 ~ 14910MHz
● Pass Band Insertion Loss	≤2.8dB
● Pass Band Ripple	≤0.8dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥50dB @ DC ~ 14750MHz ≥20dB @ 14980 ~ 15030MHz ≥20dB @ 14750 ~ 14800MHz ≥50dB @ 15030 ~ 23000MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+10°C ~ +30°C
● 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: ±0.5mm)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 80*16*12mm

