

- **Model:** HXLBQ-DTA174
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1395~1405MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	1400MHz
● Pass Band Frequency	1395 ~ 1405MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥60dB @ F0±200MHz (DC ~ 1200MHz , 1600 ~ 3000MHz) ≥45dB @ F0±100MHz (1200 ~ 1300MHz , 1500 ~ 1600MHz) ≥30dB @ F0±50MHz (1300 ~ 1350MHz , 1450 ~ 1500MHz)
● Impedance	50 Ohms
● Power	50W Max.
● Connectors	N-Male / N-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°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: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Dimensions: 80\*45\*20mm

