

- **Model:** HXLBQ-DTA1329
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 36.5~37.5GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	37GHz
● Pass Band Frequency	36.5 ~ 37.5GHz
● Pass Band Insertion Loss	≤1.8dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Pass Band Group Delay	≤2.3ns
● Stop Band Rejection	≥80dB @ DC ~ 34.8GHz ≥80dB @ 39.2 ~ 55GHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	2.92mm(K)-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: ±0.4mm)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 50*16*10.5mm

