

- **Model:** HXLBQ-DTA201
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 30.6~33.6GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	32.1GHz
● Pass Band Frequency	30.6 ~ 33.6GHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤1.0dB
● Pass Band VSWR	≤1.5:1
● Stop Band Rejection	≥60dB @ DC ~ 29.4GHz ≥60dB @ 35 ~ 46GHz
● Impedance	50 Ohms
● Power Handling	5W 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: ±0.5mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 80*16*11.5mm

