

- **Model: HXLBQ-DTA1089**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 34000~36000MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	35000MHz	
● Pass Band Frequency	34000 ~ 36000MHz	
● Pass Band Insertion Loss	≤1.45dB	
● Pass Band Ripple	≤0.35dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 32680MHz	≥60dB @ 37000 ~ 37370MHz
	≥60dB @ 32680 ~ 33000MHz	≥80dB @ 37370 ~ 65000MHz
● 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: ±0.5mm)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 50*14*10mm

