

- **Model: HXLBQ-DTA321**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 37700~43500MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	40600MHz
● Pass Band Frequency	37700 ~ 43500MHz
● Pass Band Insertion Loss	≤2.6dB
● Pass Band Return Loss	≥17dB
● Stop Band Attenuation	≥80dB @ F0±4000MHz (DC ~ 36600MHz , 44600 ~ 59000MHz)
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	2.92mm(K)-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.075 KG

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)

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|-------------------|----------------------------------|--------------------------------|
| ● Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*16*11mm |

