

- **Model: HXLBQ-DTA622**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 15.86~17.46GHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	16.66GHz
● Pass Band Frequency	15.86 ~ 17.46GHz
● Pass Band Insertion Loss	≤0.7dB
● Pass Band Ripple	≤0.27dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 14.71GHz ≥80dB @ 18.51 ~ 33GHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.078 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: ±0.3mm)

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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: 70*16*12mm |

