

- **Model:** HXLBQ-DTA61
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 10.425~10.575GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency (F0)	10.5GHz
● 1dB Bandwidth	150MHz (10.425~10.575GHz)
● Insertion Loss at F0	≤0.5dB @ 10.5GHz
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥30dB @ F0±300MHz (10.2GHz、 10.8GHz) ≥60dB @ F0±600MHz (9.9GHz、 11.1GHz)
● Impedance	50 ohms
● Power Handling	≤10W
● Connectors	SMA-Female
● Operating Temperature	-10°C~+60°C
● Surface Finish	Black Paint
● Net Weight	TBD
● Configuration	As Below (Size Unit: mm)

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)

