

- **Model:** HXLBQ-DTA181
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9.5~10.5GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	10GHz
● Pass Band Bandwidth	1.0GHz (9.5 ~10.5GHz)
● Pass Band Insertion Loss	≤0.6dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥25dB @ DC ~ 8.0GHz ≥25dB @ 12 ~ 19GHz
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	38*16*7.5mm
● 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)

