

- **Model:** HXLBQ-DTA1333
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 8.2~12.4GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	10.3GHz
● Pass Band Frequency	8.2 ~ 12.4GHz
● Pass Band Insertion Loss	≤0.8dB
● Pass Band Ripple	≤0.45dB
● Pass Band Return Loss	≥18dB
● Stop Band Rejection	≥80dB @ DC ~ 6.85GHz ≥80dB @ 13.35 ~ 18GHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*19*10mm |

