

- **Model:** HXLBQ-DTA158
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 9.8~11.8GHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	10.8GHz
● Pass Band Frequency	9.8 ~ 11.8GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.6dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥45dB @ DC ~ 9.0GHz ≥45dB @ 12.6 ~ 22GHz
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.0781 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)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 80*16*12mm

