

- **Model: HXLBQ-DTA1254**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 9000~12000MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	10500MHz	
● Pass Band Frequency	9000 ~ 12000MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 7650MHz ≥45dB @ 7650 ~ 8350MHz	≥45dB @ 12500 ~ 12900MHz ≥80dB @ 12900 ~ 21000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	80*16*9.5mm	
● 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: ±0.3mm)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

