

- **Model:** HXLBQ-DTA1170
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 960~1200MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1080MHz	
● Pass Band Frequency	960 ~ 1200MHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 755MHz	≥60dB @ 1300 ~ 1335MHz
	≥50dB @ 755 ~ 860MHz	≥80dB @ 1335 ~ 4500MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-40°C ~ +70°C	
● Dimensions	130*25*30mm	
● 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: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Other screw: Stainless Steel
- Resonant column: H59 Copper alloy

