

- **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

