

- **Model: HXLBQ-DTA1010**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 11300~13300MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	12300MHz
● Pass Band Frequency	11300 ~ 13300MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.9dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥80dB @ DC ~ 10500MHz ≥60dB @ 13900 ~ 14100MHz ≥60dB @ 10500 ~ 10700MHz ≥80dB @ 14100 ~ 34000MHz
● 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: ±0.3mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 80*16*11.5mm

