

- **Model: HXLBQ-DTA342**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 10.1~11.2GHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	10.65GHz	
● Pass Band Frequency	10.1 ~ 11.2GHz	
● Pass Band Insertion Loss	≤2.7dB	
● Pass Band Ripple	≤1.5dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Attenuation	≥30dB @ DC ~ 10GHz	≥30dB @ 11.3 ~ 22GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°C	
● 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	120*16*9.5mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

