

- **Model: HXLBQ-DTA1226**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 10500~11500MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	11000MHz	
● Pass Band Frequency	10500 ~ 11500MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥100dB @ DC ~ 9000MHz ≥50dB @ 9000 ~ 10000MHz	≥50dB @ 12000 ~ 12250MHz ≥80dB @ 12250 ~ 28000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	70*16*9.5mm	
● Net weight	0.076 KG	

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

