

- **Model:** HXLBQ-DTA1250
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 12600~13700MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	13150MHz	
● Pass Band Frequency	12600 ~ 13700MHz	
● Pass Band Insertion Loss	≤0.65dB	
● Pass Band Ripple	≤0.25dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 10950MHz	≥55dB @ 14700 ~ 15350MHz
	≥55dB @ 10950 ~ 11600MHz	≥80dB @ 15350 ~ 28000MHz
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	70*16*8mm	
● Net weight	0.06 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

