

- **Model:** HXLBQ-DTA916
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9935~9985MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	9960MHz	
● Pass Band Frequency	9935 ~ 9985MHz **	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 9610MHz	≥30dB @ 10116 ~ 10185MHz
	≥50dB @ 9610 ~ 9735MHz	≥50dB @ 10185 ~ 10310MHz
	≥30dB @ 9735 ~ 9804MHz	≥80dB @ 10310 ~ 25000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	70*16*9.5mm	
● Net weight	0.072 KG	

** 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)

