

- **Model: HXLBQ-DTA585**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 4250~4350MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	4300MHz	
● Pass Band Frequency	4250 ~ 4350MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band VSWR	≤1.2:1	
● Stop Band Rejection	≥55dB @ DC ~ 4050MHz	≥55dB @ 4550 ~ 7000MHz
● Impedance	50 Ohms	
● Power Handling	50W Max.	
● Connectors	N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy	
● Dimensions	100*22*22mm	
● Net weight	TBD	

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

