

- **Model: HXLBQ-DTA283**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 6700~6900MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	6800MHz	
● Pass Band Frequency	6700 ~ 6900MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥30dB @ DC ~ 6600MHz	≥30dB @ 7000 ~ 15000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● 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	90*17*11mm	
● Net weight	TBD	

●**Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)

