

- **Model:** HXLBQ-DTA598
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6790~6810MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	6800MHz	
● Pass Band Bandwidth	20MHz (6790 ~ 6810MHz)	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.07dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 6410MHz	≥40dB @ 6950 ~ 7190MHz
	≥40dB @ 6410 ~ 6650MHz	≥80dB @ 7190 ~ 20000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	50*16*10mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

