- **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℃ ~ +70℃	
● Net weight	TBD	

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: ±0.5mm)

●Material

- ●Housing: H62 Copper alloy
- ●Cover: H62 Copper alloy
- ●Tuning screw: H62 Copper alloy
- ●Connectors: Stainless Steel
- ●Working Environment: Indoor
- ●Dimensions: 50*16*13mm

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