

- **Model:** HXLBQ-DTA820
- **Product Name:** Dot Frequency Cavity Filter
- **Frequency:** 7790~7810MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	7800MHz	
● 3dB Bandwidth	20MHz Max. (7790 ~ 7810MHz Max.)	
● Insertion Loss @ F0	≤2.5dB @ 7800MHz	
● Return Loss @ F0	≥18dB @ 7800MHz	
● Stop Band Rejection	≥50dB @ F0±80MHz (DC ~ 7720MHz , 7880 ~ 11000MHz)	
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	+20℃ ~ +30℃	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	90*25*17mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

