

- **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°C ~ +30°C
● Net weight	TBD

● **Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)**

- | | | |
|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 90*25*20mm |

