

# HXLBQ-DTA820

## Dot Frequency Cavity Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	7800MHz
2	3dB Bandwidth	20MHz Max. (7790 ~ 7810MHz Max.)
3	Insertion Loss @ F0	≤2.5dB @ 7800MHz
4	Return Loss @ F0	≥18dB @ 7800MHz
5	Stop Band Rejection	≥50dB @ F0±80MHz (DC ~ 7720MHz , 7880 ~ 11000MHz)
6	Impedance	50 Ohms
7	Power	5.0W Max.
8	Connectors	SMA-Female
9	Surface Finish	Painted Black
10	Temperature Range	+20°C ~ +30°C
11	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
12	Dimensions	90*25*17mm
13	Net weight	TBD

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

