

# HXLBQ-DTA518

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	15.55GHz
2	Pass Band Frequency	14.8 ~ 16.3GHz
3	Pass Band Insertion Loss	≤1.7dB
4	Pass Band Ripple	≤0.8dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           ≥80dB @ DC ~ 14.15GHz            ≥50dB @ 14.15 ~ 14.4GHz         </div> <div style="width: 45%;">           ≥50dB @ 16.7 ~ 16.95GHz            ≥80dB @ 16.95 ~ 27GHz         </div> </div>
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30℃ ~ +70℃
12	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy        Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	70*16*9.5mm
24	Net weight	TBD

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

