

HXLBQ-DTA538

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2462MHz
2	Pass Band Frequency	2449.5 ~ 2474.5MHz
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤0.5dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥50dB @ DC ~ 2429.5MHz ≥50dB @ 2494.5 ~ 6000MHz
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: Stainless Steel Tuning screw: H62 Copper alloy Other screw: Stainless Steel
13	Dimensions	120*62*26mm
14	Net weight	TBD

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

