

HXLBQ-DTA621

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	3050MHz	
2	Pass Band Frequency	2950 ~ 3150MHz	
3	Pass Band Insertion Loss	≤0.85dB	
4	Pass Band Ripple	≤0.22dB	
5	Pass Band Return Loss	≥23dB	
6	Pass Band Group Delay	≤11.5ns	
7	Pass Band Group Delay Variation	≤3.5ns	
8	Stop Band Rejection	≥80dB @ DC ~ 2670MHz ≥50dB @ 2670 ~ 2800MHz	≥53dB @ 3300 ~ 3400MHz ≥80dB @ 3400 ~ 10000MHz
9	Impedance	50 Ohms	
10	Power Handling	10W Max.	
11	Connectors	SMA-Female	
12	Surface Finish	Painted Black	
13	Temperature Range	-30°C ~ +70°C	
15	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
16	Dimensions	90*20*18mm	
17	Net weight	TBD	

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

