

HXLBQ-DTA224

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	3500MHz	
2	Pass Band Frequency	3398 ~ 3602MHz	
3	Pass Band Insertion Loss	≤1.8dB	
4	Pass Band Ripple	≤0.9dB @ 3400 ~ 3600MHz	
5	Pass Band Return Loss	≥18dB	
6	Stop Band Rejection	≥40dB @ DC ~ 3352MHz ≥20dB @ 3352 ~ 3362MHz	≥20dB @ 3638 ~ 3648MHz ≥40dB @ 3648 ~ 3698MHz ≥70dB @ 3698 ~ 4400MHz
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 Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
13	Dimensions	74*56*21mm	
14	Net weight	TBD	

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

