

HXLBQ-DTA542

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	9.5GHz	
2	Pass Band Frequency	9.0 ~ 10GHz	
3	Pass Band Insertion Loss	≤0.7 dB	
4	Pass Band Ripple	≤0.3dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 7.8GHz ≥70dB @ 7.8 ~ 8.0GHz	≥70dB @ 11 ~ 11.2GHz ≥80dB @ 11.2 ~ 23GHz
7	Impedance	50 Ohms	
8	Power Handling	10W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30℃ ~ +70℃	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	70*16*9mm	
14	Net weight	0.07 KG	

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

