

HXLBQ-DTA582

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	55GHz	
2	Pass Band Frequency	45 ~ 65GHz	
3	Pass Band Insertion Loss	≤1.5dB @ 45 ~ 64GHz	≤1.8dB @ 64 ~ 65GHz
4	Pass Band Ripple	≤0.8dB @ 45 ~ 64GHz	≤1.1dB @ 64 ~ 65GHz
5	Pass Band Return Loss	≥11dB (Typical: 13.5dB)	
6	Stop Band Rejection	≥80dB @ DC ~ 42.5GHz ≥30dB @ 42.5 ~ 44GHz	≥10dB @ 66.5 ~ 69.7GHz
7	Impedance	50 Ohms	
8	Power Handling	5W Max.	
9	Connectors	1.85mm(V)-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	60*14*8mm	
14	Net weight	0.05 KG	

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

