

HXLBQ-DTA486

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	2975MHz	
2	Pass Band Frequency	2965 ~ 2985MHz	
3	Pass Band Insertion Loss	≤3.2dB	
4	Pass Band Ripple	≤0.65dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 2915MHz ≥40dB @ 2915 ~ 2945MHz	≥40dB @ 3005 ~ 3035MHz ≥80dB @ 3035 ~ 8000MHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	0°C ~ +50°C	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	120*20*17mm	
14	Net weight	TBD	

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

