

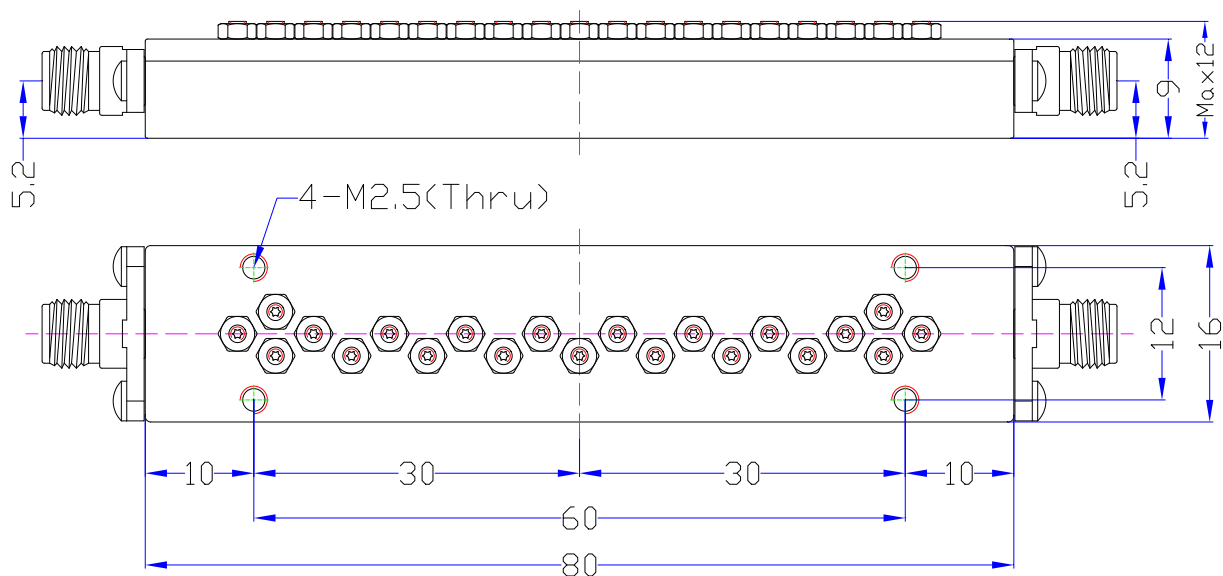
HXLBQ-DTA926

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8745MHz	
2	Pass Band Frequency	8230 ~ 9260MHz **	
3	Pass Band Insertion Loss	≤0.9dB	
4	Pass Band Ripple	≤0.4dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 7345MHz ≥50dB @ 7345 ~ 7795MHz	≥50dB @ 9695 ~ 10145MHz ≥80dB @ 10145 ~ 25000MHz
7	Impedance	50 Ohms	
8	Power	20W Max. (Duty cycle: 5.0%)	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	80*16*9mm	
14	Net weight	0.075 KG	

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



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.