

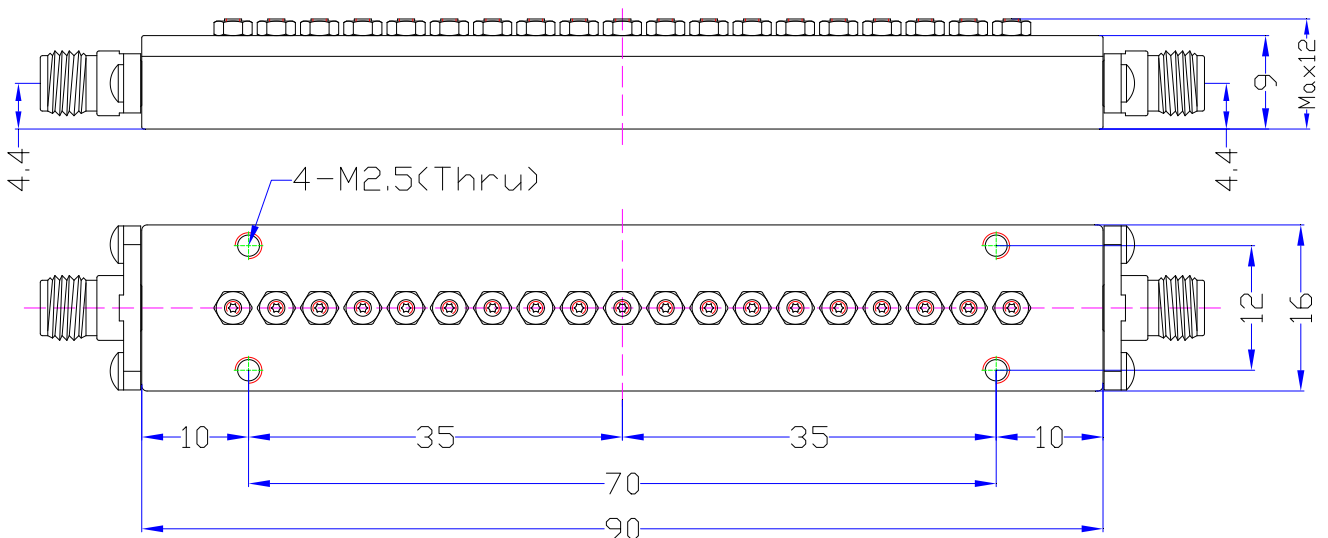
HXLBQ-DTA747

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	9500MHz	
2	Pass Band Frequency	9250 ~ 9750MHz **	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.35dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 8750MHz ≥40dB @ 8750 ~ 9000MHz	≥40dB @ 10000 ~ 10250MHz ≥80dB @ 10250 ~ 25000MHz
7	Impedance	50 Ohms	
8	Power Handling	10W Max.	
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	90*16*9mm	
14	Net weight	0.085 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.