

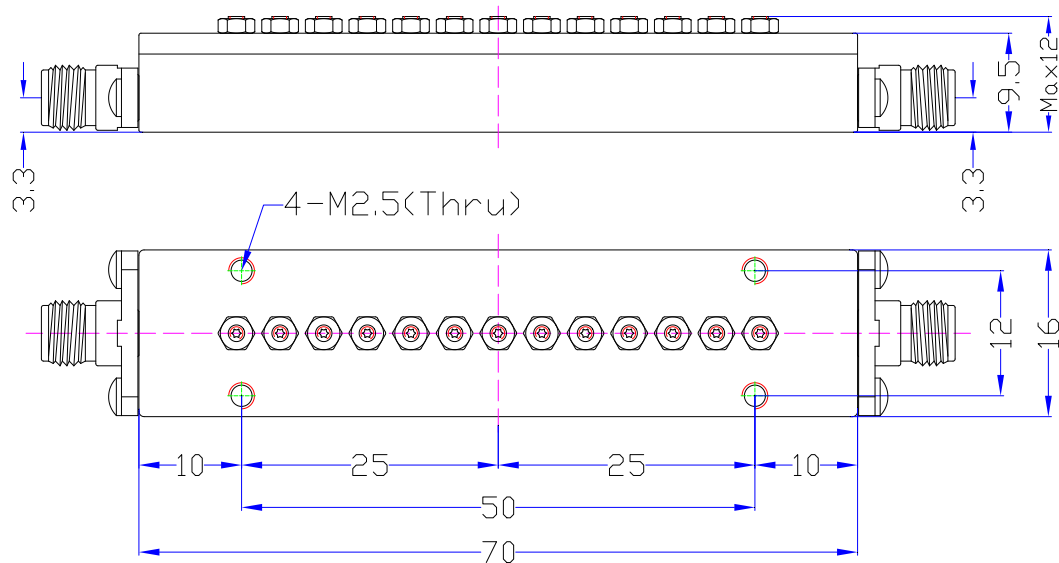
HXLBQ-DTA916

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	9960MHz	
2	Pass Band Frequency	9935 ~ 9985MHz **	
3	Pass Band Insertion Loss	≤1.5dB	
4	Pass Band Ripple	≤0.4dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 9610MHz ≥50dB @ 9610 ~ 9735MHz ≥30dB @ 9735 ~ 9804MHz	≥30dB @ 10116 ~ 10185MHz ≥50dB @ 10185 ~ 10310MHz ≥80dB @ 10310 ~ 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	70*16*9.5mm	
14	Net weight	0.072 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.