

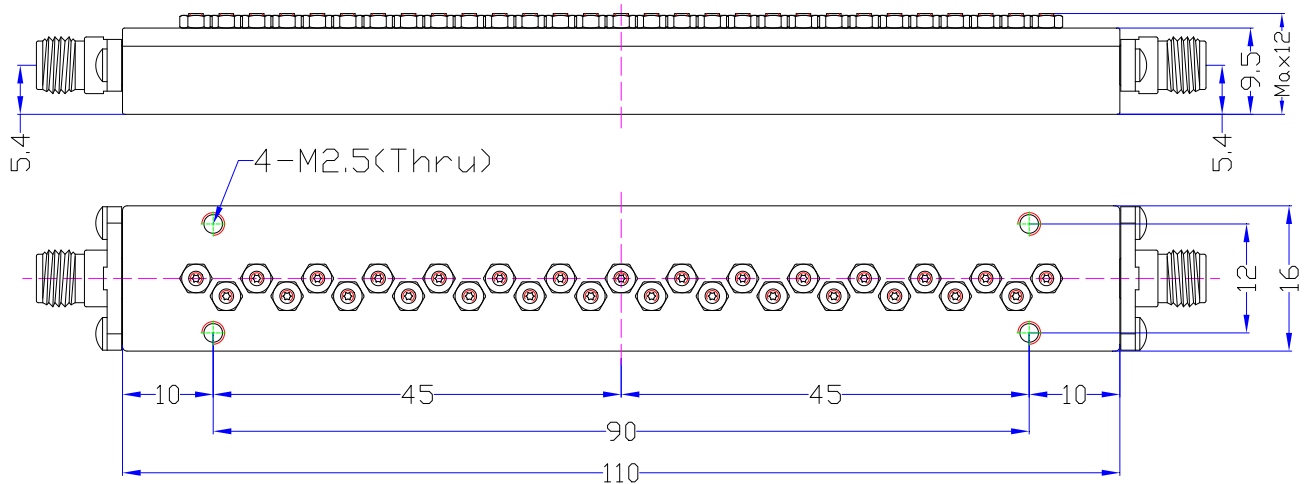
HXLBQ-DTA777

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	9400MHz	
2	Pass Band Frequency	8800 ~ 10000MHz **	
3	Pass Band Insertion Loss	≤1.5dB	
4	Pass Band Ripple	≤1.1dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 8400MHz ≥50dB @ 8400 ~ 8600MHz	≥50dB @ 10200 ~ 10400MHz ≥80dB @ 10400 ~ 20000MHz
7	Impedance	50 Ohms	
8	Power	5.0W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-20℃ ~ +60℃	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	110*16*9.5mm	
14	Net weight	TBD	

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.