

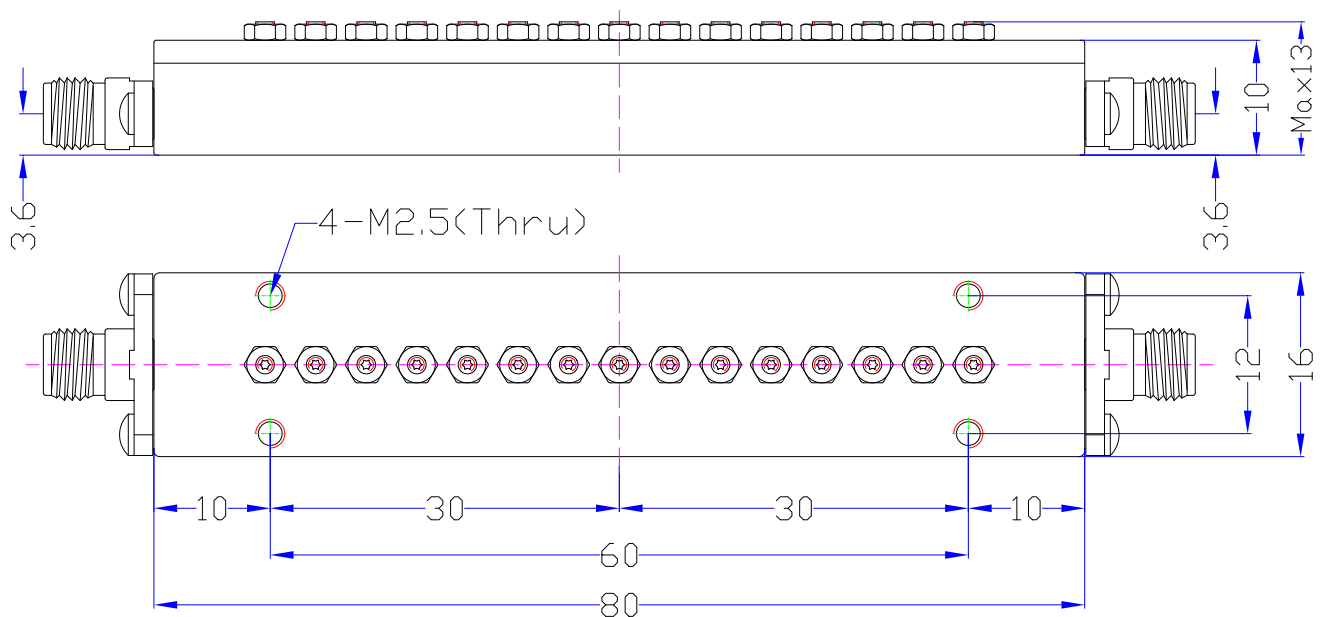
HXLBQ-DTA764

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8000MHz	
2	Pass Band Bandwidth	$\pm 100\text{MHz}$ (7900 ~ 8100MHz) **	
3	Pass Band Insertion Loss	$\leq 1.2\text{dB}$	
4	Pass Band Ripple	$\leq 0.6\text{dB}$	
5	Pass Band Return Loss	$\geq 23\text{dB}$	
6	Stop Band Rejection	$\geq 80\text{dB}$ @ DC ~ 7400MHz $\geq 40\text{dB}$ @ 7400 ~ 7700MHz	$\geq 40\text{dB}$ @ 8300 ~ 8600MHz $\geq 80\text{dB}$ @ 8600 ~ 20000MHz
7	Impedance	50 Ohms	
8	Power Handling	10W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
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*10mm	
14	Net weight	0.08 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)



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