

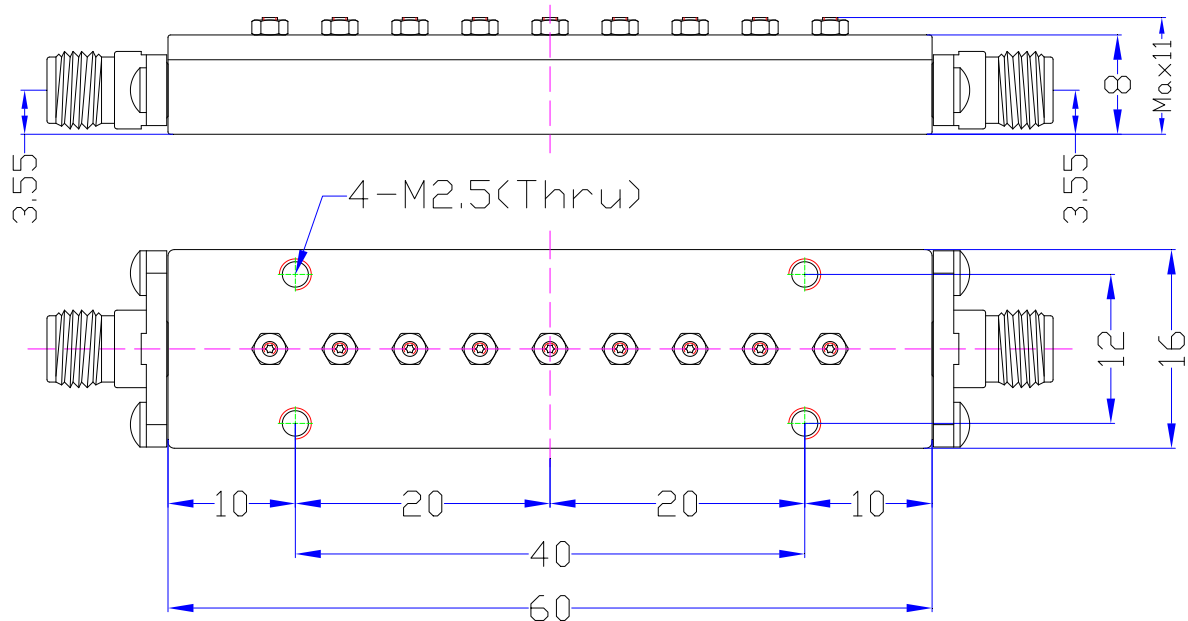
HXLBQ-DTA766

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	30100MHz	
2	Pass Band Bandwidth	$\pm 300\text{MHz}$ (29800 ~ 30400MHz) **	
3	Pass Band Insertion Loss	$\leq 1.5\text{dB}$	
4	Pass Band Ripple	$\leq 0.5\text{dB}$	
5	Pass Band Return Loss	$\geq 20\text{dB}$	
6	Stop Band Rejection	$\geq 80\text{dB}$ @ DC ~ 29000MHz $\geq 60\text{dB}$ @ 29000 ~ 29200MHz	$\geq 60\text{dB}$ @ 31000 ~ 31200MHz $\geq 80\text{dB}$ @ 31200 ~ 46000MHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	2.92mm(K)-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	60*16*8mm	
14	Net weight	0.06 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.