

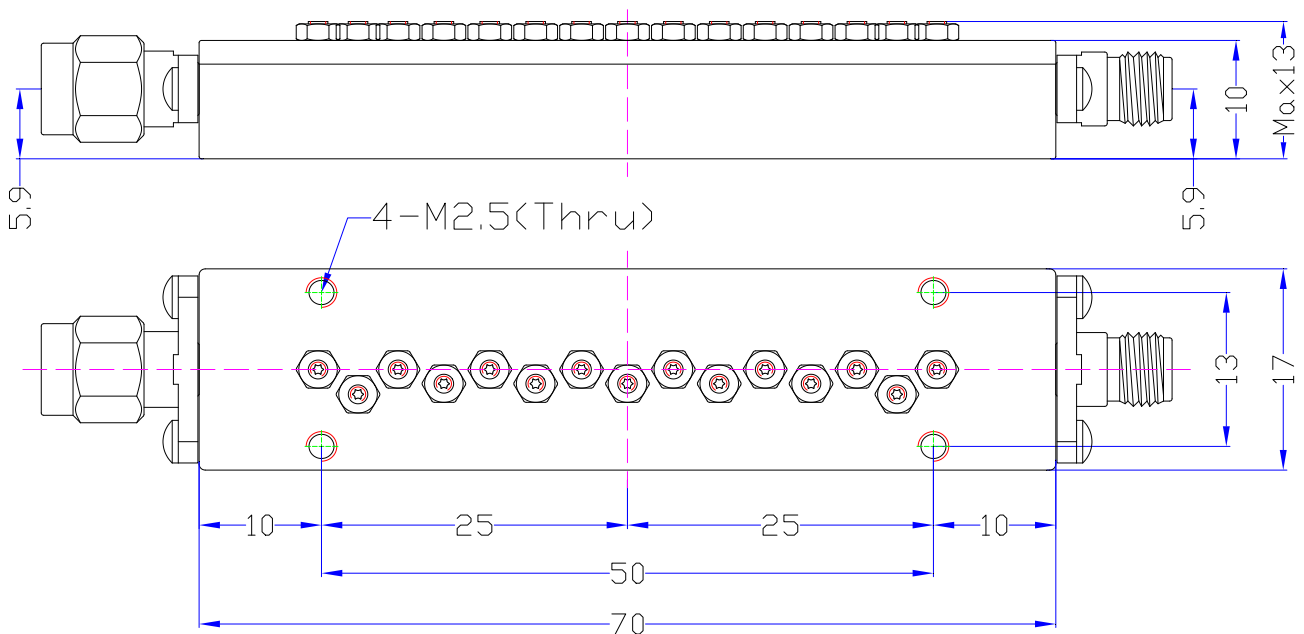
HXLBQ-DTA892

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	7.0GHz
2	Pass Band Bandwidth	$\pm 0.5\text{GHz}$ (6.5 ~ 7.5GHz) **
3	Pass Band Insertion Loss	$\leq 0.6\text{dB}$
4	Pass Band Ripple	$\leq 0.3\text{dB}$
5	Pass Band VSWR	$\leq 1.15:1$
6	Stop Band Rejection	$\geq 40\text{dB}$ @ $F_0 \pm 1.0\text{GHz}$ (5.2 ~ 6.0GHz , 8.0 ~ 8.8GHz) $\geq 80\text{dB}$ @ $F_0 \pm 2.0\text{GHz}$ (DC ~ 5.2GHz , 8.8 ~ 22GHz)
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Male / 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 Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	70*17*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.