

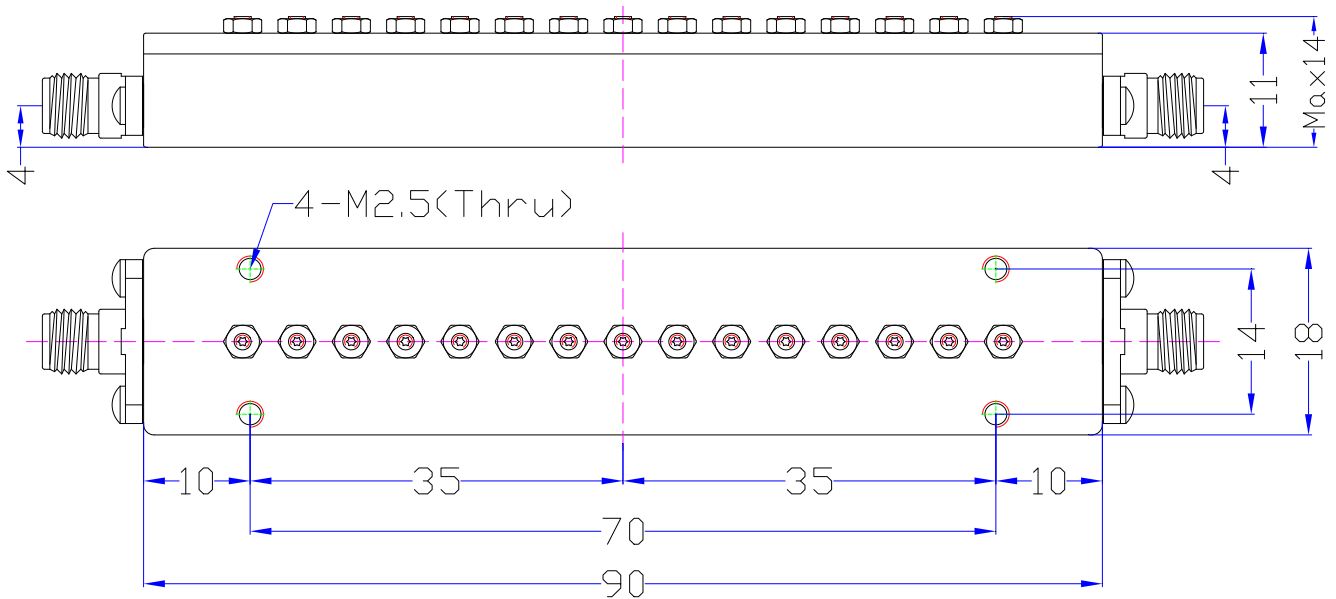
HXLBQ-DTA912

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	5254MHz
2	Pass Band Frequency	5204 ~ 5304MHz **
3	Pass Band Insertion Loss	≤1.0dB (Typical: ≤0.8dB)
4	Pass Band Ripple	≤0.12dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥80dB @ DC ~ 4958MHz ≥50dB @ 5454 ~ 5550MHz ≥50dB @ 4958 ~ 5054MHz ≥80dB @ 5550 ~ 17000MHz
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 Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	90*18*11mm
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.