

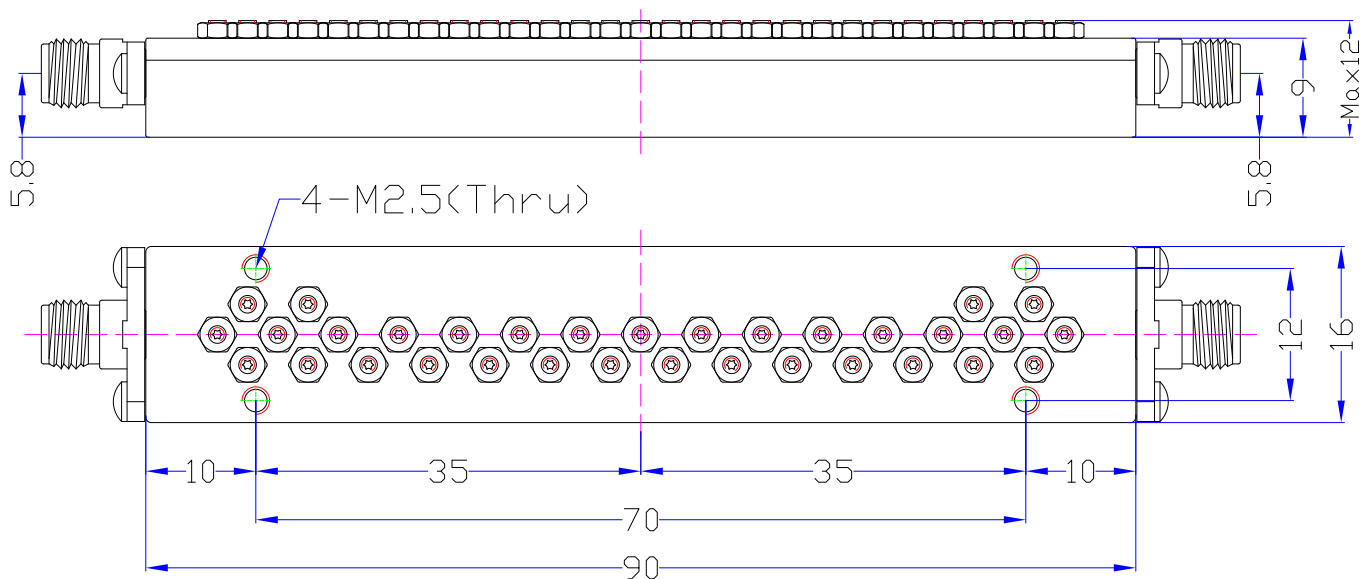
# WT-A10546-Q15

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	7000MHz
2	Pass Band Frequency	6000 ~ 8000MHz **
3	Pass Band Insertion Loss	≤0.8dB
4	Pass Band Ripple	≤0.37dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Attenuation	<div> <div>≥80dB @ DC ~ 5300MHz</div> <div>≥63dB @ 5300 ~ 5500MHz</div> </div> <div> <div>≥63dB @ 8450 ~ 8600MHz</div> <div>≥80dB @ 8600 ~ 26000MHz</div> </div>
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	<div>Housing: H62 Copper alloy</div> <div>Cover: H62 Copper alloy</div> <div>Tuning screw: H62 Copper alloy</div> <div>Connectors: Stainless Steel</div> <div>Other screw: Stainless Steel</div>
13	Dimensions	90*16*9mm
14	Net weight	0.085 KG

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.