

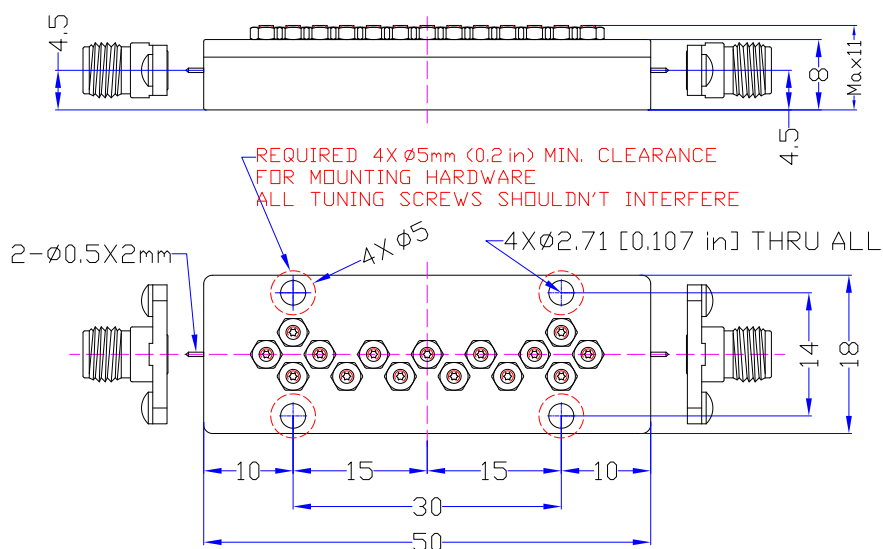
WT-A10586-Q07

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	9100MHz
2	Pass Band Frequency	8500 ~ 9700MHz **
3	Pass Band Insertion Loss	≤0.43dB
4	Pass Band Ripple	≤0.1dB
5	Pass Band Return Loss	≥23dB
6	Pass Band Group Delay	≤1.35ns
7	Pass Band Group Delay Flatness	≤0.28ns
8	Stop Band Rejection	≥80dB @ DC ~ 5500MHz ≥60dB @ 5500 ~ 6600MHz ≥64dB @ 11600 ~ 12300MHz ≥80dB @ 12300 ~ 31000MHz
9	Impedance	50 Ohms
10	Power Handling	5.0W Max.
11	Connectors	ø0.5*2mm PIN (SMA-Female Removable)
12	Surface Finish	The Original Silver Color
13	Temperature Range	-40°C ~ +80°C
14	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
15	Dimensions	50*18*8mm
16	Net weight	0.051 KG

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



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