

WT-A9971-Q07

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	9680MHz
2	3.0dB Bandwidth	460MHz (9450 ~ 9910MHz) [Deviation: ±30MHz @ Temperature Range: +20°C ~ +30°C]
3	Insertion Loss @ F0	≤1.0dB @ 9680MHz
4	Return Loss	≥23dB @ 9555 ~ 9805MHz
5	Stop Band Rejection	≥80dB @ DC ~ 8680MHz ≥50dB @ 10260 ~ 10680MHz ≥50dB @ 8680 ~ 9100MHz ≥80dB @ 10680 ~ 25000MHz
6	Impedance	50 Ohms
7	Power Handling	5.0W Max.
8	Connectors	SMA-Female
9	Surface Finish	Painted Black
10	Temperature Range	-30°C ~ +70°C
11	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
12	Dimensions	60*16*9mm
13	Net weight	0.06 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

