

WT-A7502-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	500MHz
2	Pass Band Bandwidth	5.0MHz (497.5 ~ 502.5MHz)
3	Pass Band Insertion Loss	≤1.2dB
4	Pass Band Ripple	≤0.4dB
5	Pass Band VSWR	≤1.22:1
6	Stop Band Rejection	≥40dB @ DC ~ 493MHz ≥40dB @ 507 ~ 2500MHz
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel
13	Dimensions	181*93*52mm
14	Net weight	1.0 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

