

WT-A7142-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	8.025GHz
2	Pass Band Frequency	7.45 ~ 8.6GHz
3	Pass Band Insertion Loss	≤0.6dB
4	Pass Band Ripple	≤0.2dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥35dB @ DC ~ 7.0GHz ≥40dB @ 9.1 ~ 22GHz
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	Housing: H62 Copper alloy Connectors: H59 Copper, Plated ternary alloy Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	70*17*10mm
14	Net weight	0.076 KG

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

