

WT-A8742-S14

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	5.0GHz
2	Pass Band Frequency	4.0 ~ 6.0GHz
3	Pass Band Insertion Loss	≤0.7dB
4	Pass Band Ripple	≤0.42dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥40dB @ DC ~ 3.6GHz ≥15dB @ 3.6 ~ 3.8GHz ≥32dB @ 6.2 ~ 6.25GHz ≥40dB @ 6.25 ~ 15.5GHz
7	Impedance	50 Ohms
8	Power Handling	10W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-40°C ~ +71°C
12	Explosive atmosphere	MIL-STD-810F Method 511.4, PROC.I
13	Shock-Transportation	20g/11msec MIL-STD-810F Method 515.5, PROC.I
14	Shock and Vibration	MIL-STD-810F in figure 514.5 Cat 13 PROC I Figures 514.5C-1
15	Operational Altitude	15000 ft.
16	Storage Altitude	40000 ft.
17	MTBF	≥20000 Hours
18	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
19	Dimensions	90*19*13mm
20	Net weight	0.128 KG

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

