

# WT-A8943-Q12

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	3470MHz
2	Pass Band Bandwidth	100MHz (3420 ~ 3520MHz)
3	Pass Band Insertion Loss	≤1.0dB @ 3470MHz ≤2.0dB @ 3420 ~ 3520MHz
4	Pass Band Ripple	≤1.2dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥40dB @ DC ~ 3410MHz      ≥40dB @ 3530 ~ 6000MHz
7	Impedance	50 Ohms
8	Power Handling	100W Max.
9	Connectors	N-Female
10	Surface Finish	Painted Black
11	Temperature Range	-20°C ~ +60°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	121*91*21mm
14	Net weight	0.375 KG

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

