

WT-A8914-Q05

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	50000MHz
2	Design Bandwidth	About: 200MHz
3	Pass Band Bandwidth	50MHz (49975 ~ 50025MHz)
4	Pass Band Insertion Loss	≤4.2dB (Typical: ≤3.9dB)
5	Pass Band Ripple	≤0.2dB
6	Pass Band Return Loss	≥18dB
7	Stop Band Rejection	≥80dB @ DC ~ 49100MHz ≥33dB @ 50300 ~ 50900MHz ≥33dB @ 49100 ~ 49700MHz ≥80dB @ 50900 ~ 60000MHz
8	Impedance	50 Ohms
9	Power Handling	5.0W Max.
10	Connectors	2.4mm(Q)-Female
11	Surface Finish	Painted Black
12	Temperature Range	-30°C ~ +70°C
13	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
14	Dimensions	40*14*7.5mm
15	Net weight	0.034 KG

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

