

WT-A9203-Q13

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	39.75GHz
2	Pass Band Frequency	37.3 ~ 42.2GHz
3	Pass Band Insertion Loss	≤1.1dB (Typical: ≤1.0dB)
4	Pass Band Ripple	≤0.3dB
5	Pass Band Return Loss	≥18dB (Input / Output) [Typical: ≥20dB]
6	Stop Band Rejection	≥80dB @ DC ~ 34.95GHz ≥60dB @ 44.2 ~ 44.95GHz ≥80dB @ 44.95 ~ 58.5GHz
7	Impedance	50 Ohms
8	Power Handling	5W Max.
9	Connectors	Input: 2.4mm(Q)-Female / Output: 2.4mm(Q)-Male
10	Surface Finish	Painted Black
11	Temperature Range	-40°C ~ +85°C
12	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	50*16*8mm
14	Net weight	0.052 KG

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

