

WT-A8702-Q19

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2.9GHz
2	Pass Band Frequency	2.7 ~ 3.1GHz
3	Pass Band Insertion Loss	$\leq 0.8\text{dB @ } 2.9\text{GHz}$ $\leq 1.7\text{dB @ } 2.7 \sim 3.1\text{GHz}$
4	Pass Band Ripple	$\leq 1.2\text{dB}$
5	Pass Band Return Loss	$\geq 20\text{dB}$
6	Pass Band Group Delay	$\leq 40\text{ns}$
7	Pass Band Group Delay Variation	$\leq 25\text{ns}$
8	Stop Band Rejection	$\geq 60\text{dB @ DC} \sim 2.65\text{GHz}$ $\geq 60\text{dB @ } 3.15 \sim 9.5\text{GHz}$
9	Impedance	50 Ohms
10	Power Handling	10W Max.
11	Connectors	SMA-Female
12	Surface Finish	Painted Black
13	Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
14	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
15	Dimensions	200*25*20mm
16	Net weight	0.505 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)

