

WT-A8701-Q10

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2.8GHz
2	Pass Band Frequency	2.7 ~ 2.9GHz
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.6dB
5	Pass Band Return Loss	≥20dB
6	Pass Band Group Delay	≤30ns
7	Pass Band Group Delay Variation	≤20ns
8	Stop Band Rejection	≥60dB @ DC ~ 2.65GHz ≥60dB @ 2.95 ~ 5.0GHz
9	Impedance	50 Ohms
10	Power Handling	20W Max.
11	Connectors	SMA-Female
12	Surface Finish	Painted Black
13	Temperature Range	-30°C ~ +70°C
14	Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: Stainless Steel Tuning screw: H62 Copper alloy Other screw: Stainless Steel
15	Dimensions	150*63*21mm
16	Net weight	0.32 KG

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

