

WT-A8542-Q06

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	1090MHz	
2	Pass Band Bandwidth	±10MHz (1080 ~ 1100MHz)	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.3dB	
5	Pass Band Return Loss	≥20dB	
6	Group Delay	≤45ns @ 1080 ~ 1100MHz	
7	Stop Band Rejection	≥40dB @ DC ~ 1020MHz ≥15dB @ 1020 ~ 1060MHz ≥10dB @ 1060 ~ 1070MHz	≥10dB @ 1110 ~ 1120MHz ≥15dB @ 1120 ~ 1160MHz ≥40dB @ 1160 ~ 4000MHz
8	Impedance	50 Ohms	
9	Power Handling	25W Max.	
10	Connectors	SMA-Female	
11	Surface Finish	Painted Black	
12	Temperature Range	-30°C ~ +70°C	
13	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
14	Dimensions	95*65*31mm	
15	Net weight	0.303 KG	

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

