

WT-A6992-Q07

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1741MHz
2	3.0dB Bandwidth	50MHz Max. (1716 ~ 1766MHz Max.)
3	Pass Band Bandwidth	40MHz (1721 ~ 1761MHz)
4	Pass Band Insertion Loss	≤1.3dB
5	Pass Band Ripple	≤0.5dB
6	Pass Band VSWR	≤1.22:1
7	Group Delay	≤37ns @ 1741MHz ≤60ns @ 1721 ~ 1761MHz
8	Stop Band Rejection	≥45dB @ DC ~ 1691MHz ≥30dB @ 1778.5 ~ 1791MHz ≥30dB @ 1691 ~ 1703.5MHz ≥45dB @ 1791 ~ 5000MHz
9	Impedance	50 Ohms
10	Power Handling	10W Max.
11	Connectors	SMA-Female
12	Surface Finish	Painted Black
13	Temperature Range	-20°C ~ +60°C
14	Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel
15	Dimensions	147*33*25mm
16	Net weight	0.191 KG

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

