

WT-A7553-Q05

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	842.5MHz
2	Pass Band Frequency	840 ~ 845MHz
3	Pass Band Insertion Loss	≤2.0dB
4	Pass Band Ripple	≤0.3dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥30dB @ DC ~ 830MHz ≥30dB @ 855 ~ 3000MHz
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	ø0.5*2.0mm PIN (SMA-Female Removable)
10	Surface Finish	Painted Black
11	Temperature Range	-20°C ~ +60°C
12	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
13	Dimensions	118*53*25mm
14	Net weight	0.22 KG

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

