

# WT-A9515-J07

## Interdigital Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	5750MHz
2	Pass Band Bandwidth	1000MHz (5250 ~ 6250MHz)
3	Pass Band Insertion Loss	$\leq 0.5\text{dB @ } 5750\text{MHz}$ (Typical: 0.4dB) $\leq 0.6\text{dB @ } 5250 \sim 6250\text{MHz}$
4	Pass Band Ripple	$\leq 0.3\text{dB}$
5	Pass Band Return Loss	$\geq 14\text{dB}$
6	Pass Band Group Delay	$\leq 2.5\text{ns}$
7	Pass Band Group Delay Variation	$\leq 0.8\text{ns}$
8	Stop Band Attenuation	$\geq 30\text{dB @ DC} \sim 4500\text{MHz}$ $\geq 30\text{dB @ } 7000 \sim 10000\text{MHz}$
9	Impedance	50 Ohms
10	Power Handling	5.0W Max.
11	Connectors	SMA-Female
12	Surface Finish	The Original Silver Color
13	Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
14	Application Environment	Vacuum
15	Material	Housing: H62 Copper alloy                      Connectors: Stainless Steel Cover: H62 Copper alloy                         Other screw: Stainless Steel Tuning screw: H62 Copper alloy
16	Dimensions	40*20*7mm
17	Net weight	0.036 KG

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

