

# WT-A7283-Q14

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	28GHz
2	Pass Band Bandwidth	1.0GHz (27.5 ~ 28.5GHz)
3	Pass Band Insertion Loss	≤2.2dB
4	Pass Band Ripple	≤0.68dB
5	Pass Band Return Loss	≥18dB
6	Stop Band Rejection	≥50dB @ DC ~ 27.2GHz      ≥50dB @ 28.8 ~ 48.5GHz
7	Impedance	50 Ohms
8	Power Handling	Average: 10W Max. / Peak: 30W Max.
9	Connectors	2.92mm(K)-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	90*16*8mm
14	Net weight	0.083 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

