

Cavity Band Pass Filter

Preliminary Specification

S/N	Item	Parameters
1	Center Frequency(F0)	26.64GHz
2	Pass Band Bandwidth	±160MHz Min. (26.48 ~ 26.8GHz Min.)
3	Pass Band Insertion Loss	≤3.0dB
4	Pass Band VSWR	≤1.4:1
5	Pass Band Group Delay	≤5.0ns @ 26.64GHz ≤7.0ns @ 26.48 ~ 26.8GHz
6	Stop Band Rejection	≥60dB @ F0±480MHz (DC ~ 26.16GHz , 27.12 ~ 35GHz)
7	Impedance	50 Ohms
8	Power Handling	5W 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	60*16*8mm
14	Net weight	TBD

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

