

STHP-18-46GA13

High Pass Filter

Specifications

S/N	Item	Parameters	
1	Model	STHP-18-46GA13-K	STHP-18-46GA13-SMA
2	Cut Off Frequency(F0)	18GHz	18GHz
3	Pass Band Frequency	18 ~ 46GHz	18 ~ 28GHz
4	Pass Band Insertion Loss	$\leq 2.0\text{dB @ } 18 \sim 19.5\text{GHz}$ $\leq 1.0\text{dB @ } 19.5 \sim 42\text{GHz}$ $\leq 2.0\text{dB @ } 42 \sim 46\text{GHz}$	$\leq 2.0\text{dB @ } 18 \sim 19.5\text{GHz}$ $\leq 1.0\text{dB @ } 19.5 \sim 28\text{GHz}$
5	Pass Band VSWR	$\leq 1.7:1$	$\leq 1.7:1$
6	Stop Band Attenuation	$\geq 60\text{dB @ DC} \sim 16.2\text{GHz}$ $\geq 30\text{dB @ } 16.2 \sim 17\text{GHz}$	$\geq 60\text{dB @ DC} \sim 16.2\text{GHz}$ $\geq 30\text{dB @ } 16.2 \sim 17\text{GHz}$
7	Impedance	50 Ohms	50 Ohms
8	Power Handling	15W Max.	15W Max.
9	Connectors	2.92mm(K)-Female	SMA-Female
10	Surface Finish	Painted Black	
11	Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
12	Dimensions	18*16*10mm	
13	Configuration	As below (Tolerance: $\pm 0.3\text{mm}$)	

