



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## 3000-20000 MHz High Pass Filter

**Part Number: AE3000H9905**



### Electrical Specifications

**Pass Band Frequency:** 3000-20000 MHz

**Insertion Loss:**  $\leq 2.0$  dB @ 3000-3200 MHz

$\leq 1.0$  dB @ 3200~10000 MHz

$\leq 2$  dB @ 10000-17000 MHz

$\leq 3$  dB @ 17000-20000 MHz

**VSWR 3 GHz-10 GHz:** 1.60:1 Max

**VSWR 10 GHz-20 GHz:** 1.8:1 Max

**Rejection:**  $\geq 40$  dB @ 2200~2400 MHz **Power Handling:**  $\leq 15$  W Average

### Mechanical

**Connector Type:** SMA (F)

**Dimensions:** 38 x 18 x 10 mm

### Environmental

**Operating Temperature:** -55 to +85° C

**Storage Temperature:** -65 to +95° C

**Shock:** 20 G. 11 ms

**Vibration:** 20 G. 5 to 200 Hz

### Outline Drawing:

