

# STHP-1.75-17GA17

## High Pass Filter

### Specifications

| S/N | Item                     | Parameters                                                                                       |
|-----|--------------------------|--------------------------------------------------------------------------------------------------|
| 1   | Cut Off Frequency        | 1.75GHz                                                                                          |
| 2   | Pass Band Frequency      | 1.75 ~ 17GHz                                                                                     |
| 3   | Pass Band Insertion Loss | $\leq 1.5\text{dB @ } 1.75 \sim 1.85\text{GHz}$<br>$\leq 1.0\text{dB @ } 1.85 \sim 17\text{GHz}$ |
| 4   | Pass Band VSWR           | $\leq 1.5:1$                                                                                     |
| 5   | Stop Band Attenuation    | $\geq 50\text{dB @ DC} \sim 1.38\text{GHz}$                                                      |
| 6   | Impedance                | 50 Ohms                                                                                          |
| 7   | Power Handling           | 15W Max.                                                                                         |
| 8   | Connectors               | SMA-Female                                                                                       |
| 9   | Surface Finish           | Painted Black                                                                                    |
| 10  | Temperature Range        | $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$                                                   |
| 11  | Dimensions               | 40*18*10mm                                                                                       |
| 12  | Configuration            | As below (Tolerance: $\pm 0.3\text{mm}$ )                                                        |

