

# STHP-12-40GA41

## High Pass Filter

### Specifications

| S/N | Item                     | Parameters                                                               |
|-----|--------------------------|--------------------------------------------------------------------------|
| 1   | Cut Off Frequency        | 12GHz                                                                    |
| 2   | Pass Band Frequency      | 12 ~ 40GHz                                                               |
| 3   | Pass Band Insertion Loss | $\leq 2.0\text{dB}$ @ 12 ~ 12.8GHz<br>$\leq 1.0\text{dB}$ @ 12.8 ~ 40GHz |
| 4   | Pass Band VSWR           | $\leq 1.6:1$                                                             |
| 5   | Stop Band Attenuation    | $\geq 50\text{dB}$ @ DC ~ 10GHz                                          |
| 6   | Impedance                | 50 Ohms                                                                  |
| 7   | Power Handling           | 15W Max.                                                                 |
| 8   | Connectors               | 2.92mm(K)-Female                                                         |
| 9   | Surface Finish           | Painted Black                                                            |
| 10  | Temperature Range        | -55°C ~ +85°C                                                            |
| 11  | Dimensions               | 15*12.7*10mm                                                             |
| 12  | Configuration            | As below (Tolerance: $\pm 0.3\text{mm}$ )                                |

