

# STLP-DC-7GA34

## Low Pass Filter

### Specifications

| S/N | Item                     | Parameters                                                              |
|-----|--------------------------|-------------------------------------------------------------------------|
| 1   | Cut Off Frequency        | 7.0GHz                                                                  |
| 2   | Pass Band Frequency      | DC ~ 7.0GHz                                                             |
| 3   | Pass Band Insertion Loss | $\leq 1.0\text{dB}$ @ DC ~ 6.9GHz<br>$\leq 1.5\text{dB}$ @ 6.9 ~ 7.0GHz |
| 4   | Pass Band VSWR           | $\leq 1.3:1$                                                            |
| 5   | Stop Band Attenuation    | $\geq 50\text{dB}$ @ 7.77 ~ 15.5GHz                                     |
| 6   | Impedance                | 50 Ohms                                                                 |
| 7   | Power Handling           | 15W Max.                                                                |
| 8   | Connectors               | SMA-Female                                                              |
| 9   | Surface Finish           | Painted Black                                                           |
| 10  | Temperature Range        | -55°C ~ +85°C                                                           |
| 11  | Dimensions               | 31*23*10mm                                                              |
| 12  | Configuration            | As below (Tolerance: $\pm 0.3\text{mm}$ )                               |

