



# RF-LAMBDA

The power beyond expectations

RLPF13Go6

## SSS LOW PASS FILTER DC-6GHz

### Summary:

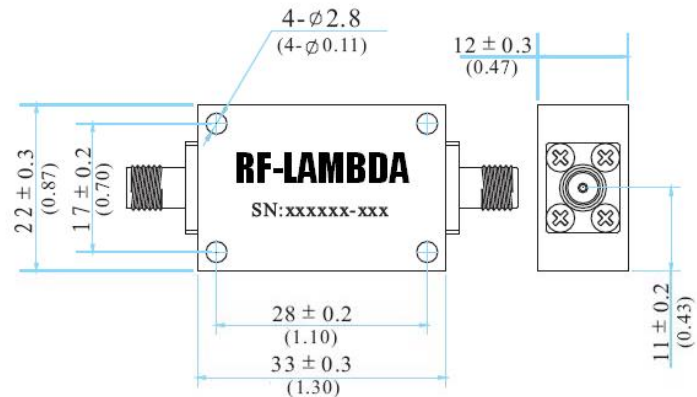
- SSS Filter - Suspended Substrate Stripline Filter
- Flat frequency response and low insertion loss..
- Covers the 1 GHz to 18 GHz Frequency Range
- Wide bandwidth and 3 dB BW Available from 5-50% ( $f_0$ )
- Designs that Cover up to 40 GHz Also Available
- MIL-E-5400 standard



### Environmental Specifications:

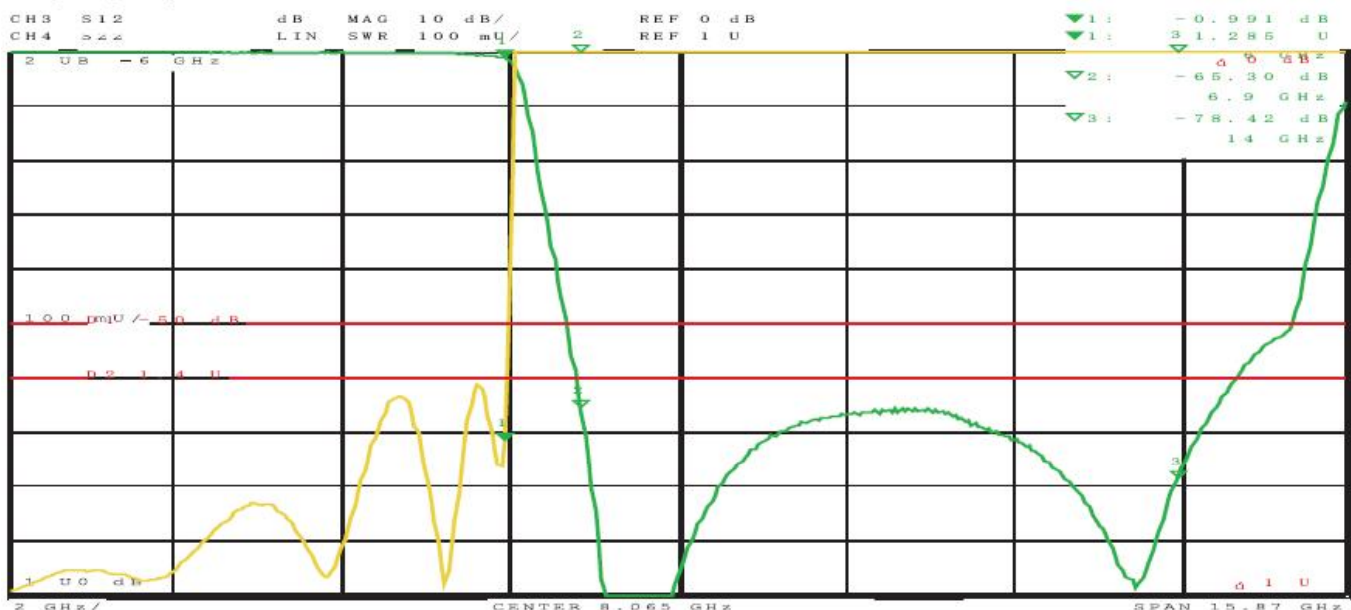
Operational Temp. Range: -55°C~+85°C

Storage Temp. Range: -55°C~+100°C



| Pass Band (GHz) | Insertion Loss (dB) | VSWR | Stop Band (GHz) | Rejection (dB) | Connector | Power (W) |
|-----------------|---------------------|------|-----------------|----------------|-----------|-----------|
| DC-6            | 1.00                | 1.80 | 6.9-14.0        | 50             | SMA-F     | 15        |

### Frequency Response and VSWR



Low Pass Suspended Substrate Stripline Filter DC-6GHz