



# RF-LAMBDA

The power beyond expectations

RHPF23G13G22

## SSS HIGH PASS FILTER 13-22GHz

### Summary:

- SSS Filter - Suspended Substrate Stripline Filter
- Wide bandwidth and 3 dB BW Available from 5-50% ( $f_0$ )
- Flat frequency response and low insertion loss..
  - Covers the 1 GHz to 22 GHz Frequency Range
  - Designs that Cover up to 40 GHz Also Available
- MIL-E-5400 standard

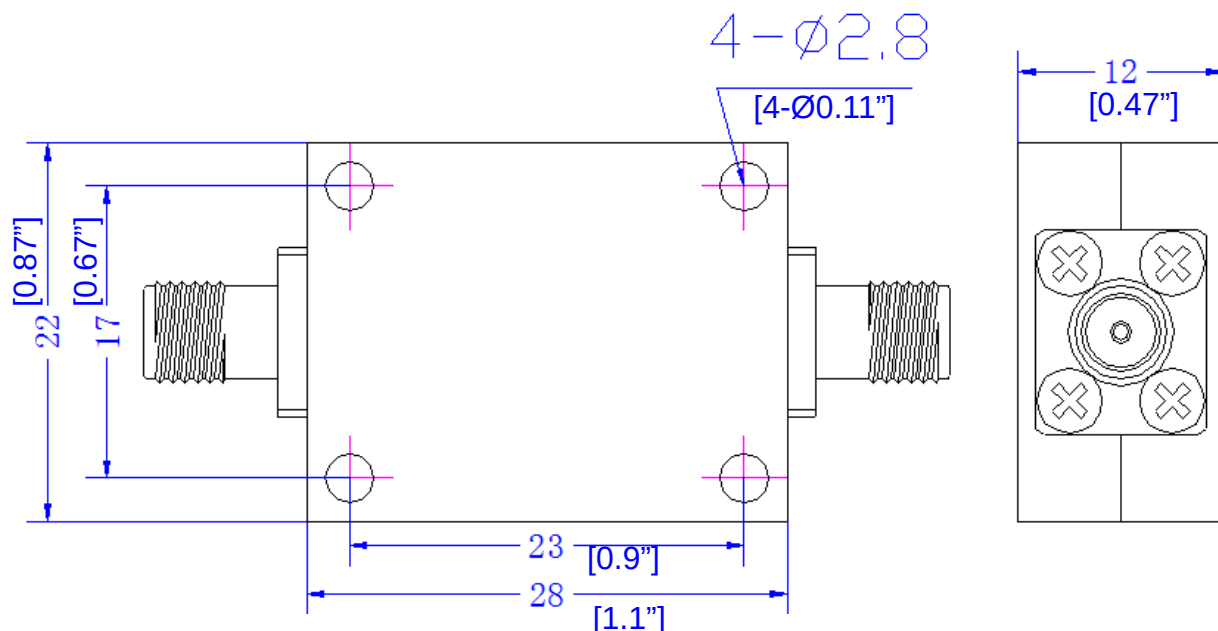


### Environmental Specifications:

Operational Temp. Range: -55°C~+85°C

Storage Temp. Range: -55°C~+100°C

| Pass Band (GHz) | Insertion Loss (dB) | VSWR | Pass Band Ripple(dB) | Attenuation (dB) | Connector | Power (W) |
|-----------------|---------------------|------|----------------------|------------------|-----------|-----------|
| 13-22           | 1.00                | 1.80 | 1.0                  | 50@DC-1.96GHZ    | SMA-F     | 30        |

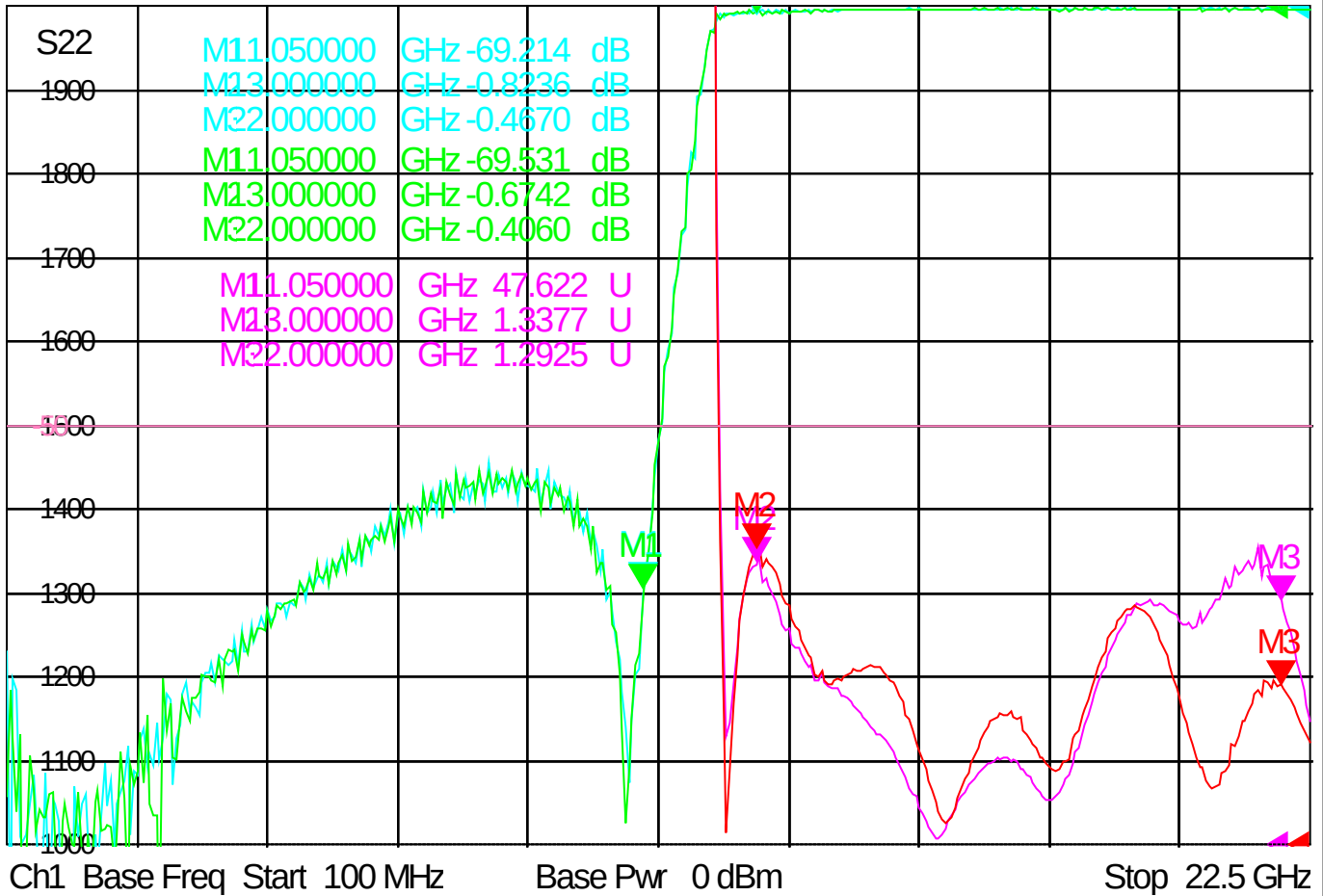


High Pass Suspended Substrate Stripline Filter 13-22GHz



Trc1 SWR 100 mU/ Ref 1 U Cal  
Trc2 dB Mag 10 dB / Ref 0 dB Cal  
Trc3 dB Mag 10 dB / Ref 0 dB Cal  
Trc4 SWR 100 mU/ Ref 1 U Cal

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