



# RBPF2450M

### Summary:



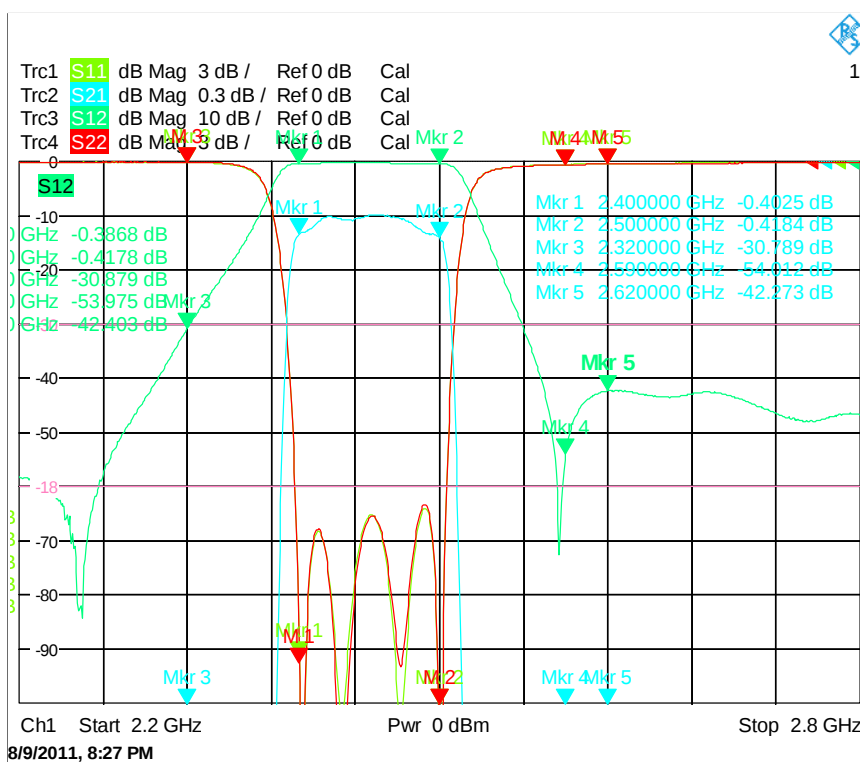
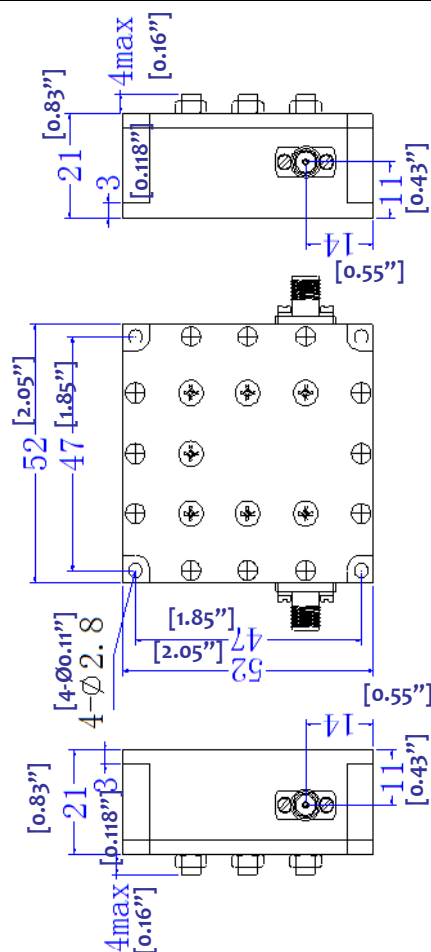
- SSS Filter - Suspended Substrate Stripline Filter
- Flat frequency response and low insertion loss..
  - Covers the 1 GHz to 18 GHz Frequency Range
- Wide bandwidth and 3 dB BW Available from 5-50% ( $f_0$ )
  - Designs that Cover up to 40 GHz Also Available
  - MIL-E-5400 standard

| Pass Band (GHz) | Insertion Loss (dB) | Ripple(dB) | Return Loss(dB) | Rejection (dB)                                          | Connector | Power (W) |
|-----------------|---------------------|------------|-----------------|---------------------------------------------------------|-----------|-----------|
| 2.4-2.5         | 0.5                 | 0.3        | 18              | 30(@DC~2320MHz)<br>30@2590~2620MHz)<br>40@2620~6000MHz) | SMA-F     | 30        |

### Environmental Specifications:

Operational Temp. Range: -40°C~+70° C

Storage Temp. Range: -55°C~+100° C



## Band Pass Suspended Substrate Stripline Filter 2.4-2.5GHz