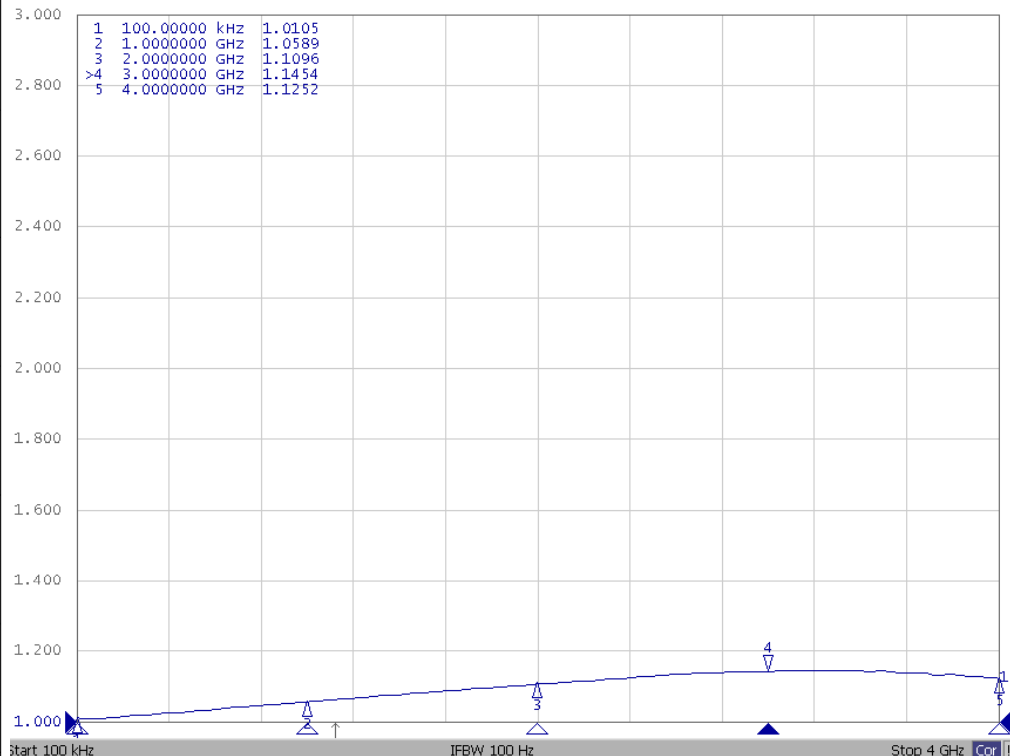
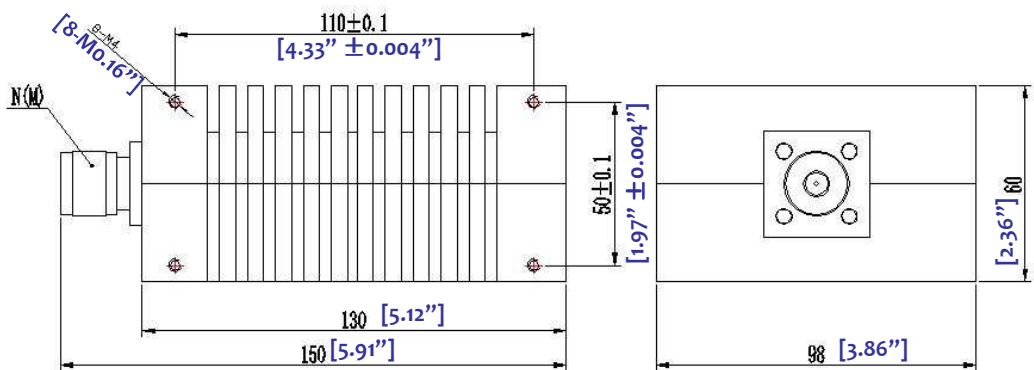


S11 SWR 200.0m/ Ref 1.000 [F2]



# HIGH POWER TERMINATION --- RFST80G04



| 2.0 | Environment specifications |                                      |
|-----|----------------------------|--------------------------------------|
| 2.1 | Operation Temp.            | -40°C~+85°C                          |
| 2.2 | Storage Temp.              | -55°C~+125°C                         |
| 2.3 | Altitude                   | 41500 ft                             |
| 2.4 | Vibration                  | 10g rms (15 degree 2KHz)             |
| 2.5 | Humidity                   | 100% RH at 35c, 95%RH at 40 deg c    |
| 2.6 | Shock                      | 20G for 11msc                        |
| 2.7 | Cooling                    | FAN required for long time operation |

| 1.0 | Mechanical Specifications |                                          |
|-----|---------------------------|------------------------------------------|
| 1.1 | Connector                 | N,TNC,7/16                               |
| 1.2 | Size                      | 150 X 98 X 60mm<br>5.91" X 3.86" X 2.36" |
| 1.3 | External Finish           | Body painted black epoxy enamel          |

| 3. 0 Electrical Specifications |                 |             |            |                 |
|--------------------------------|-----------------|-------------|------------|-----------------|
| PN                             | Frequency (GHz) | VSWR (max.) | Power (CW) | Peak Power (KW) |
| RFST80G04                      | DC-4GHz         | 1.25        | 80         | 5KW 5µs 0.5%    |

|                                                                                                                                                                                                                                                                                                                                                                                                                         |                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| PAGE 1 OF 1                                                                                                                                                                                                                                                                                                                                                                                                             | DATE Sep 2 <sup>nd</sup> 1506 |
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| RF-LAMBDA                                                                                                                                                                                                                                                                                                                                                                                                               | RF-LAMBDA                     |
| CAD MODEL REVISION<br>10                                                                                                                                                                                                                                                                                                                                                                                                | ASSEMBLY REVISION<br>VS52     |
| ASSEMBLY NAME<br>RFLVR07                                                                                                                                                                                                                                                                                                                                                                                                | DRAWING NUMBER<br>005-A       |
| www.rflambda.com                                                                                                                                                                                                                                                                                                                                                                                                        | SIZE<br>IT                    |
| RF-LAMBDA                                                                                                                                                                                                                                                                                                                                                                                                               | SHEETS<br>1 OF 1              |