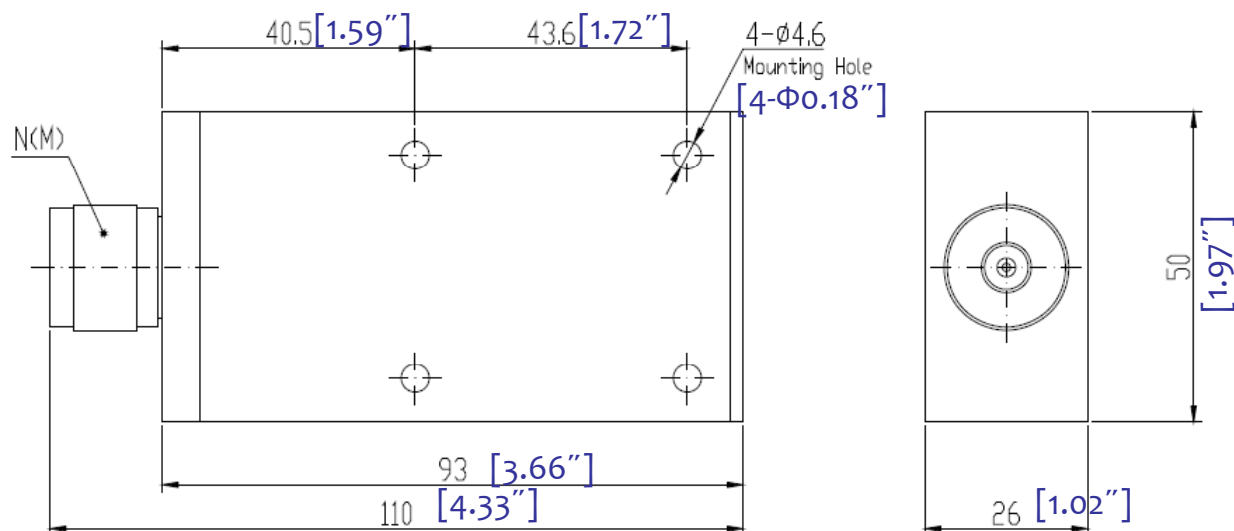


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# 200W HIGH POWER EMBEDDED TERMINATION


## --- RFSTB200G4A



| 1.0 | Mechanical Specifications |   |
|-----|---------------------------|---|
| 1.1 | Coaxial Connector         | N   |
| 1.2 | Size                      | 93×50×26mm<br>3.66"×1.97"×1.02"           |
| 1.3 | Weight                    | 0.865kg                                   |
| 1.4 | External Body Finish      | Body painted with gray/black epoxy enamel |

| 2.0 | Environment specifications |                                      |
|-----|----------------------------|--------------------------------------|
| 2.1 | Operation Temp.            | -40°C~+85°C                          |
| 2.2 | Storage Temp.              | -55°C~+125°C                         |
| 2.3 | Altitude                   | 42000 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 |

| 3.0         | Electrical Specifications |           |               |            |             |
|-------------|---------------------------|-----------|---------------|------------|-------------|
| PN          | Frequency (GHz)           | Impedance | Average Power | Peak Power | VSWR (max.) |
| RFSTB200G4A | DC-4                      | 50Ω       | 200W          | 10KW       | 1.25        |

|  |        |                                |  |
|--|--------|--------------------------------|--|
| PAGE 1 OF 1  |        | DATE JUN 12 <sup>th</sup> 2009 |  |
| <small>PROPRIETARY INFORMATION<br/>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITINGS BY RF-LAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY</small> |        | DESIGN                         |  |
|  |        | RFPC                           |  |
|  |        | RF-LAMBDA                      |  |
|  |        | RFPC                           |  |
|  <b>RFSTB200G4A<br/>HIGH POWER<br/>TERMINATION</b>  |        | CAD MODEL REVISION             |  |
|  |        | 10                             |  |
|  |        | ASSEMBLY REVISION              |  |
|  |        | VS52                           |  |
| www.rflambda.com   |        | ASSEMBLY NAME                  |  |
|  |        | RFLVR07                        |  |
| RF-LAMBDA  |        | DRAWING NUMBER                 |  |
|  |        | D05-A                          |  |
| SIZE LT  | SHEETS | 1 OF 1                         |  |

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