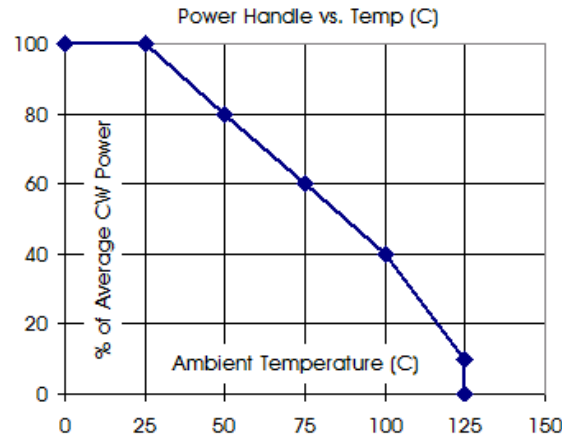
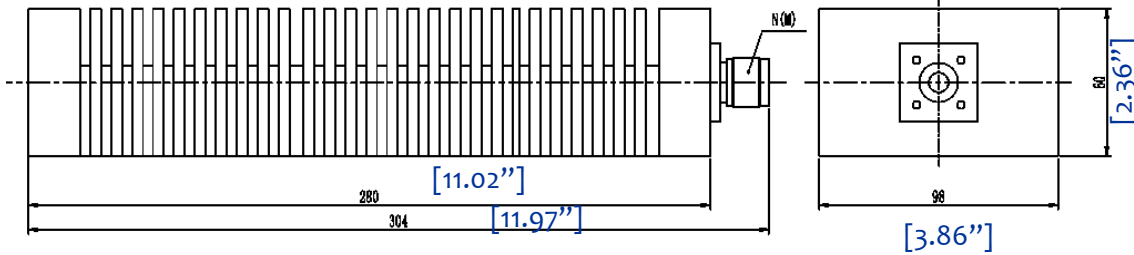


HIGH POWER FIXED TERMINATION

--- **RFST300G3A (DC-3GHz)**
 --- **RFST300G04 (DC-4GHz)**



| 1.0 Mechanical Specifications | | |
|-------------------------------|-----------------|---------------------------------------|
| 1.1 | Connector | N, 7/16 (Male or Female) |
| 1.2 | External Finish | Body painted with /black epoxy enamel |



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

| 3.0 Electrical Specifications | | |
|-------------------------------|-----------------|---|
| 3.1 | Frequency Range | DC-3GHz or DC-4GHz |
| 3.2 | Average Power | 300W (CW) |
| 3.3 | Peak Power | 10 KW max (5 usec pulse) Repeat peak |
| 3.4 | VSWR | 1.2 : 1 (DC-2GHz) 1.4 : 1 (2-4 GHz) |
| 3.5 | Impedance | 50 Ω |

| | | |
|--|--|--------------------------------|
| PAGE 1 OF 1 | | DATE Aug 31 st 2006 |
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| RFST300G3/G4 HIGH POWER TERMINATION | | DESIGN RFPC |
| www.rflambda.com | | RF-LAMBDA RFPC |
| SIZE LT SHEETS RF-LAMBDA | | CAD MODEL REVISION 10 |
| | | ASSEMBLY REVISION VS52 |
| | | ASSEMBLY NAME RFLVR07 |
| | | DRAWING NUMBER D05-A |
| | | 1 OF 1 |