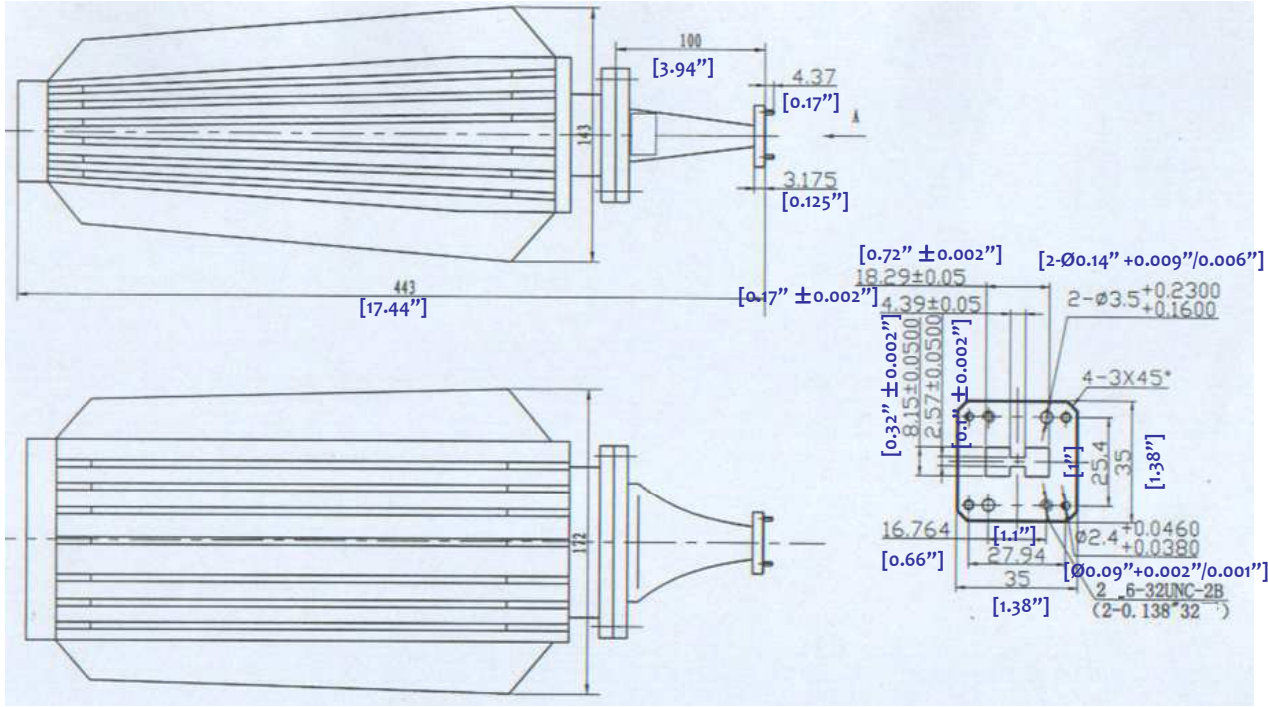


WRD650 WAVEGUIDE 500W HIGH POWER TERMINATION - RFWDT650B



| 1.0 Mechanical Specifications | | |
|-------------------------------|----------------------|---|
| 1.1 | Waveguide type | Rectangular Waveguide WRD650 |
| 1.2 | Flange type | CPRF, COVER |
| 1.3 | Flange Holes | Through |
| 1.4 | Basis-material | Alloyed Aluminum |
| 1.5 | Internal Body Finish | Silver Plated chromate or conversion |
| 1.6 | External Body Finish | Body painted with gray/black epoxy enamel |

| 2.0 Environment specifications | | |
|--------------------------------|-----------------|-----------------------------------|
| 2.1 | Operation Temp. | -40°C~+70°C |
| 2.2 | Storage Temp. | -50°C~+125°C |
| 2.3 | Altitude | 45000 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 |

| 3.0 Electrical Specifications | | |
|-------------------------------|-----------------|--------------|
| 3.1 | Frequency Range | 6.5-18GHz |
| 3.2 | Average Power | 500W (CW) |
| 3.3 | VSWR | 1.25:1 (max) |

| | | | |
|---|--|--------------------|---------------------------|
| PAGE 1 OF 1 | | DATE | Jun 18 th 2009 |
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| | | RF-LAMBDA | RFPC |
| RFWDT650B WAVEGUIDE TERMINATION | | CAD MODEL REVISION | 11 |
| | | ASSEMBLY REVISION | V55D5 |
| | | ASSEMBLY NAME | RFLVR05 |
| | | DRAWING NUMBER | D05-1 |
| www.rflambda.com | | SIZE | LT |
| RF-LAMBDA | | SHEETS | 1 OF 1 |