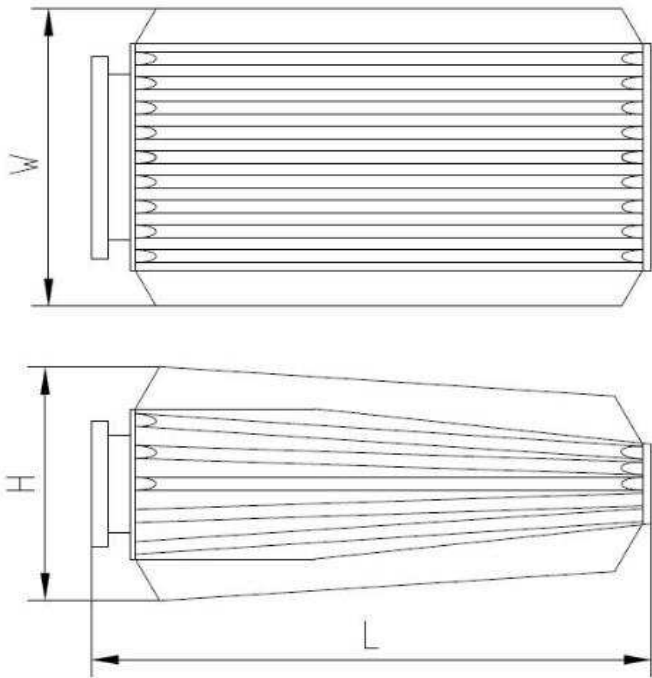



WR284 WAVEGUIDE 1500W HIGH POWER TERMINATION – RFWT284D



| 3.0 Electrical Specifications | | |
|-------------------------------|-----------------|--------------|
| 3.1 | Frequency Range | 2.6~3.95GHz |
| 3.2 | Average Power | 1500W (CW) |
| 3.3 | Peak Power | 750kw |
| 3.4 | VSWR | 1.25:1 (max) |

| 2.0 Environment specifications | | |
|--------------------------------|-----------------|-----------------------------------|
| 2.1 | Operation Temp. | -40°C~+85°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 |

| 1.0 Mechanical Specifications | | |
|-------------------------------|-----------------|--|
| 1.1 | Waveguide | Rectangular Waveguide WR284 |
| 1.2 | Flange type | CPRF, COVER |
| 1.3 | Flange Holes | Through |
| 1.4 | Basis-material | Alloyed Cuprum |
| 1.5 | Internal Finish | Silver Plated chromate or conversion |
| 1.6 | External Finish | Body painted with gray/black epoxy enamel |
| 1.7 | Size | 460mm(6.3") × 330mm(12.99") × 248mm(9.76") |

| | | | |
|---|--|--------------------|---------------------------|
| PAGE 1 OF 1 | | DATE | Jun 21 st 2006 |
| <small>PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING 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 |
| | | CAD MODEL REVISION | 11 |
| | | ASSEMBLY REVISION | V5D5 |
|  RFWT284D WAVEGUIDE TERMINATION | | ASSEMBLY NAME | RFLVR05 |
| | | DRAWING NUMBER | D05-1 |
| www.rflambda.com | | SIZE | LT |
| RF-LAMBDA | | SHEETS | 1 OF 1 |