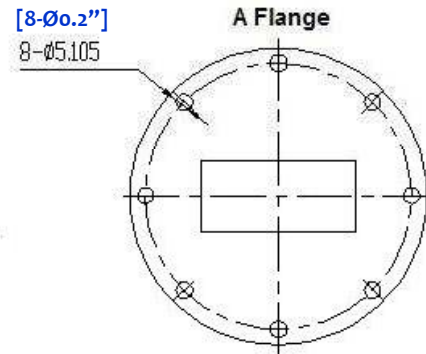
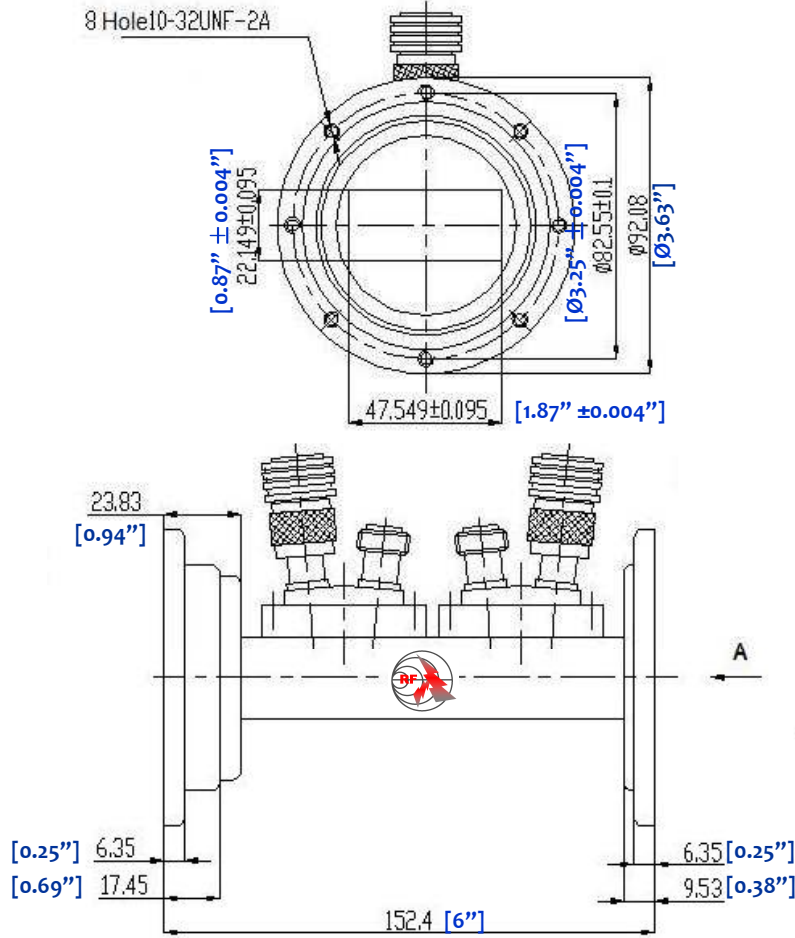


WAVEGUIDE WRD187 CIRCULATOR DUAL DIRECTIONAL COUPLER -RWGDCP187SA



| 3.0 Electrical Specifications | | |
|-------------------------------|-----------------|------------|
| 3.1 | Frequency Range | 5.4-5.8GHz |
| 3.2 | Coupling | 30dB |
| 3.3 | Directivity | 20dB |
| 3.4 | VSWR | 1.05 |
| 3.5 | Insertion Loss | 0.20dB |
| 3.6 | Average Power | 1000W |

| 1.0 Mechanical Specifications | | |
|-------------------------------|----------------------|---|
| 1.1 | Waveguide type | Rectangular WRD187 |
| 1.2 | Flange type | CPRG, CPRF, COVER, CHOKE available |
| 1.3 | Flange Holes | Through |
| 1.4 | Basis-material | Alloyed Cuprum |
| 1.5 | Internal Body Finish | 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~+85°C |
| 2.2 | Storage Temp. | -60°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 |

| PAGE | OF | DATE |
|---|----|--------------------------|
| | | Jul 9 th 2008 |
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| | | RFPC |
| | | RF-LAMBDA |
| | | RFPC |
| | | CAD MODEL REVISION |
| | | 1-4 |
| | | ASSEMBLY REVISION |
| | | VS20-3 |
| | | ASSEMBLY NAME |
| | | RFLVR04 |
| | | DRAWING NUMBER |
| | | D02-5 |
| www.rflambda.com | | |
| RF-LAMBDA | | SIZE LT |
| | | SHEETS 1 OF 1 |



RWGDCP187SA
WAVEGUIDE
COUPLER