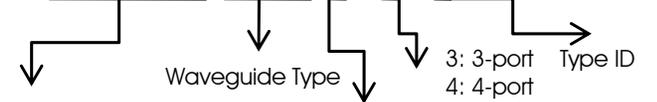


WAVEGUIDE WR187 3-PORT MANUAL SWITCH

– **RFWSW 187 M 3 A**



E: Electrical Driven
M: Manual Driven



| 3.0 | Electrical Specifications | |
|-----|---------------------------|-----------------|
| 3.1 | Frequency Range | 3.94-5.99GHz |
| 3.2 | Forward Power | 100W (CW) |
| 3.3 | Peak Power | 3kW (8us pulse) |
| 3.4 | Isolation | 35dB |
| 3.5 | VSWR (master) | 1.20 : 1 |

| 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 |

| 1.0 | Mechanical Specifications | |
|-----|---------------------------|---|
| 1.1 | Waveguide type | Rectangular Waveguide WR184 |
| 1.2 | Flange type | CPRG, CPRF, COVER, CHOKE available |
| 1.3 | Flange Holes | Through |
| 1.4 | Basis-material | Aluminum |
| 1.5 | Internal Body Finish | Silver Plated chromate or conversion |
| 1.6 | External Body Finish | Body painted with gray/black epoxy enamel |

| | | | |
|--|------------|--------------------|---------------------------|
| PAGE | OF | DATE | Jun 21 st 2004 |
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|  RFWSW187M3A WAVEGUIDE 3-PORT SWITCH | | RF-LAMBDA | RFPC |
| www.rflambda.com | | CAD MODEL REVISION | 0-4 |
| | | ASSEMBLY REVISION | VS2DS |
| | | ASSEMBLY NAME | RFLVR011 |
| | | DRAWING NUMBER | D02-1 |
| RF-LAMBDA | SIZE LT | SHEETS | 1 OF 1 |