

X-band 150W SSPA Module

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

| SYMBOL | DESCRIPTION | MIN | TYP | MAX | UNITS |
|--------------------|--|------------------------------|-----|------|----------|
| FREQ | Frequency Range | 8 | | 12 | GHz |
| | Operation Frequency Bandwidth | 300 | | | MHz |
| Pout | Saturation Output Power | 150 | | | Watt |
| POF | Output Power Flatness over FREQ at Pin | | | +/-1 | dB |
| Pin | Rated Input Power | | 0 | | dBm |
| Pulse Cond. | Pulse Duty Cycle | 20 | | | % |
| | Pulse Width | 5 | | 50 | Microsec |
| Spur | Non-harmonic Spurious | | | -60 | dBc |
| H | Harmonics | | | -30 | dBc |
| VSWR, IN | Input VSWR | | 2:1 | | ----- |
| VSWR, OUT | Output VSWR | | 2:1 | | ----- |
| VDC | DC Supply Voltage | +24 | +28 | +32 | Volt |
| IDC | Current Supply with RF | | | 15 | A |
| OTR | Operating Temperature Range | -10 | | 60 | °C |
| | RF Connectors | Input: SMA(F) ; Output: N(F) | | | |

CASE/OUTLINE: As shown below, unit is in mm

