

## 2 – 4 GHz 24 dBm Module

### FEATURES

- P<sub>-1</sub> dB: 24 dBm
- Bias Condition: 180 mA @ 8 V
- Small Signal Gain: 18 dB

### ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

| SYMBOL                   | DESCRIPTION                           | MIN | TYP   | MAX   | UNITS |
|--------------------------|---------------------------------------|-----|-------|-------|-------|
| <b>FREQ</b>              | Frequency Range                       | 2   |       | 4     | GHz   |
| <b>SSG</b>               | Small Signal Gain                     | 17  | 18    |       | dB    |
| <b>GOF</b>               | SSG Flatness                          |     | ± 0.2 | ± 0.5 | dB    |
| <b>P<sub>-1</sub> dB</b> | Output Power at 1 dB Gain Compression | 23  | 24    |       | dBm   |
| <b>VSWR, IN</b>          | Input VSWR                            |     | 1.7:1 | 2:1   | -     |
| <b>VSWR, OUT</b>         | Output VSWR                           |     | 1.7:1 | 2:1   | -     |
| <b>VDC</b>               | Supply Voltage                        |     | 8     |       | Volt  |
| <b>IDC</b>               | Current Supply                        |     | 180   | 200   | mA    |
| <b>OTR</b>               | Operating Temperature Range           | -40 |       | 90    | °C    |

**CARRIER: S31 / Z31 / S32 / Z32**