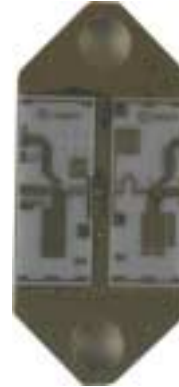


### 0.8 – 5.5 GHz 23 dBm Gain Module

#### FEATURES

- P<sub>-1</sub> dB: 23 dBm
- Small Signal Gain: 7.5 dB
- IP2: 42 dBm
- IP3: 30 dBm
- Bias Condition: 150 mA @ 10 V



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

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
<b>FREQ</b>	Frequency Range	0.8		5.5	GHz
<b>SSG</b>	Small Signal Gain	6.5	7.5		dB
<b>GOF</b>	SSG Flatness		± 0.5	± 0.6	dB
<b>P<sub>-1</sub> dB</b>	Output Power at 1 dB Gain Compression	22	23		dBm
<b>P<sub>-3</sub> dB</b>	Output Power at 3 dB Gain Compression	24	25		dBm
<b>IP3</b>	Third Order Intercept Point	29	30		dBm
<b>IP2</b>	Second Order Intercept Point	40	42		dBm
<b>VSWR, IN</b>	Input VSWR		2:1	2.3:1	-
<b>VSWR, OUT</b>	Output VSWR		2:1	2.3:1	-
<b>VDC</b>	Supply Voltage		10		Volt
<b>IDC</b>	Current Supply		150	180	mA

**CARRIER: MA**