



TM120-155-07-29

REV.2_04/12/2004

12 – 15.5 GHz 29 dBm Power Module

FEATURES

- P₁ dB: 29 dBm
- Small Signal Gain: 7 dB
- IP3: 38 dBm
- Bias Condition: 300 mA @ 8 V



ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	12		15.5	GHz
SSG	Small Signal Gain	6	7		dB
GOF	SSG Flatness		± 0.4	± 0.5	dB
P ₁ dB	Output Power at 1 dB Gain Compression	28	29		dBm
IP3	Third Order Intercept Point	37	38		dBm
VSWR, IN	Input VSWR		1.5:1	1.7:1	-
VSWR, OUT	Output VSWR		1.5:1	1.7:1	-
VDC	Supply Voltage		8		Volt
Vg	Gate Voltage	-1.2	-0.8	-0.4	Volt
IDC	Current Supply		300	320	mA

CARRIER: S11 / Z11