

4 ~ 6 GHz 37 dBm Module

FEATURES

- P_{-1} dB: 37 dBm
- Bias Condition: 1.8 A @ 8 V
- Small Signal Gain: 10 dB

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	4		6	GHz
SSG	Small Signal Gain	9	10		dB
GOF	Small Signal Gain Flatness			±0.5	dB
P_{-1} dB	Output Power at 1 dB Gain Compression @ 8V	36	37		dBm
	Output Power at 1 dB Gain Compression @ 9V	37	38		dBm
VSWR, IN	Input VSWR		1.8:1	2:1	-----
VSWR, OUT	Output VSWR		1.8:1	2:1	-----
Vdc	DC Supply Voltage		8	9	Volt
Vg	Gate Voltage	-1.2	-0.8	-0.4	Volt
Idc	Current Supply		1.8	2.0	A
OTR	Operating Temperature Range	-40		90	°C

CARRIER: S33 / Z33