

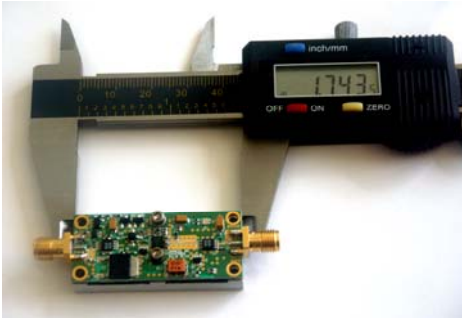


## 2.4GHz OEM Module - 20dB Gain 1 Watt Linear, 2 Watt Peak

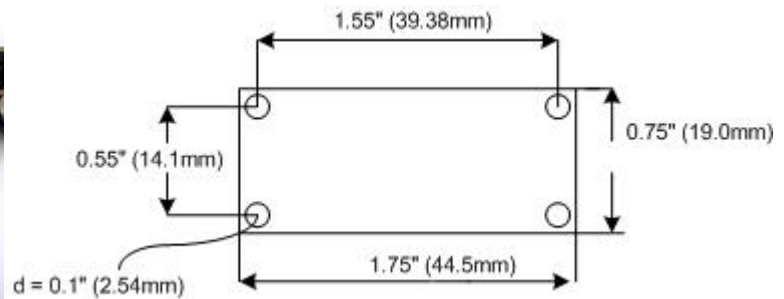
**Designed** for use as an add-on module with existing wireless radio equipment, 802.11b/g, AM/FM or video products where higher power is required. This module offers **low cost** solution to all power problems. With PCB size as 1.75" x 0.75", this is the smallest, linear 1 watt amplifier available anywhere. The saturated output power is 2Watts.

Extremely efficient unit, eliminates the need of any heat dissipation.

The unit can be powered via coax (with DC injector) or direct wire soldered to the PCB.



Item # 24203



### Specifications

#### Electrical:

Operating Range	2400 - 2500 MHz
Operating Mode	TDD, Time Division duplex,
Transmit Power	33 dBm Saturated, 30dBm (1 Watt) linear
Transmit Gain	20 dB linear gain
Transmit input Power	1 dB min 12 dB max
Receive Gain	16 dB
Noise Figure	3.5 dB
LED indicators	Red for Receive (Default mode) Green for Transmit
Power Consumption	40mA Rx, 1.2A Tx @ 6 VDC
Operating Temp	-40 °C to + 70 °C
Dimension:	1.75" x 0.75"
Weight:	1.0 Oz. (29 g)

#### Options:

RF Connectors	SMA females
DC Power	Over coax, using DC injector, or Direct feed via soldered wire