

## **ASB-2000 SPECIFICATIONS**

### **2.4 GHz Power AMPLIFIER**

#### **Electrical**

Nominal voltage: Vdc 7.5 +/- 0.5 volts for 1 watt output  
Power Supply: Filtered, un-regulated  
6 volt @ 500 mA supply, hard wired to 2 solder tabs  
If external power supply is used; 2000 mfd minimum recommended

Operating Current: 400 MA TYPICAL; 450 mA Maximum  
Power Output: 1000 mW +/- 2 dbM  
Frequency range: 2300 – 2600 MHz  
Power Input: 3-60 mW  
Connector Types: Male SMA for input; female SMA for output  
Cautions: Do not operate unit without RF power present

#### **Mechanical**

Size: 2" (W) x 2 1/8"(L) x 3/4" (H) without flange measurement  
Add 3/4" to Width for Mounting Flange  
Wall power supply with 6" cord, hard wired to amplifier supplied

Construction: Aluminum textured ribbed for best heat dissipation  
Mounting: Horizontal optimal for heat dissipation; any orientation acceptable

#### **Environmental**

Temperature rating: 0 – 50 degrees C continuous duty  
Temperature rating: 0 – 40 degrees C intermittent duty at Vdc= 8 +/- 0.5  
Duty cycle 75% maximum

