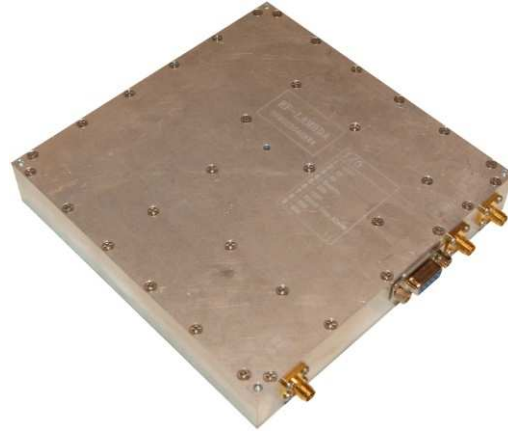




### 5W Power Amplifier 824MHz~894MHz

- **Average Power 5W**
- **Applicable for base station, repeaters of CDMA 800/900MHz cellular network**
- **CDMA multi-carrier operation**
- **High Peak to average handle capability**
- **Compatible with IS-95 B/C spec.**
- **High Linearity and High efficiency design**
- **Customized alarms and protections.**



Heat Sink required during operation.

**Frequency Range:**

**824MHz-849MHz  
869MHz-894MHz**

**Average Output Power:**

**37 dBm**

**IP3**

**59dBm**

**RF Gain:**

**45dB**

**Flatness:**

**+/-0.5dB**

**CDMA Adjacent Channel Power Rejection @ 40dBm:**

**-45dBc@+/-750KHz (30KHz)**

**-65dBc@+/-1.98MHz(30KHz)**

**VSWR:**

**1.5:1**

**DC Current:**

**3A@ 27V**

**Operating Base plate Temperature Range:**

**-30 to +60 degree C**

**Relative Humidity**

**5%-95%**

**RF Connectors:**

**SMA-F or N-F**

**Cooling:**

**Natural Convection**

**Convection Size (Length x Width x Height):**

**151 x 170 x 22 mm**

**5W CDMA Power Amplifier 824MHz~894MHz**

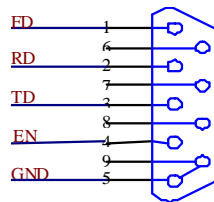
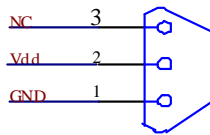
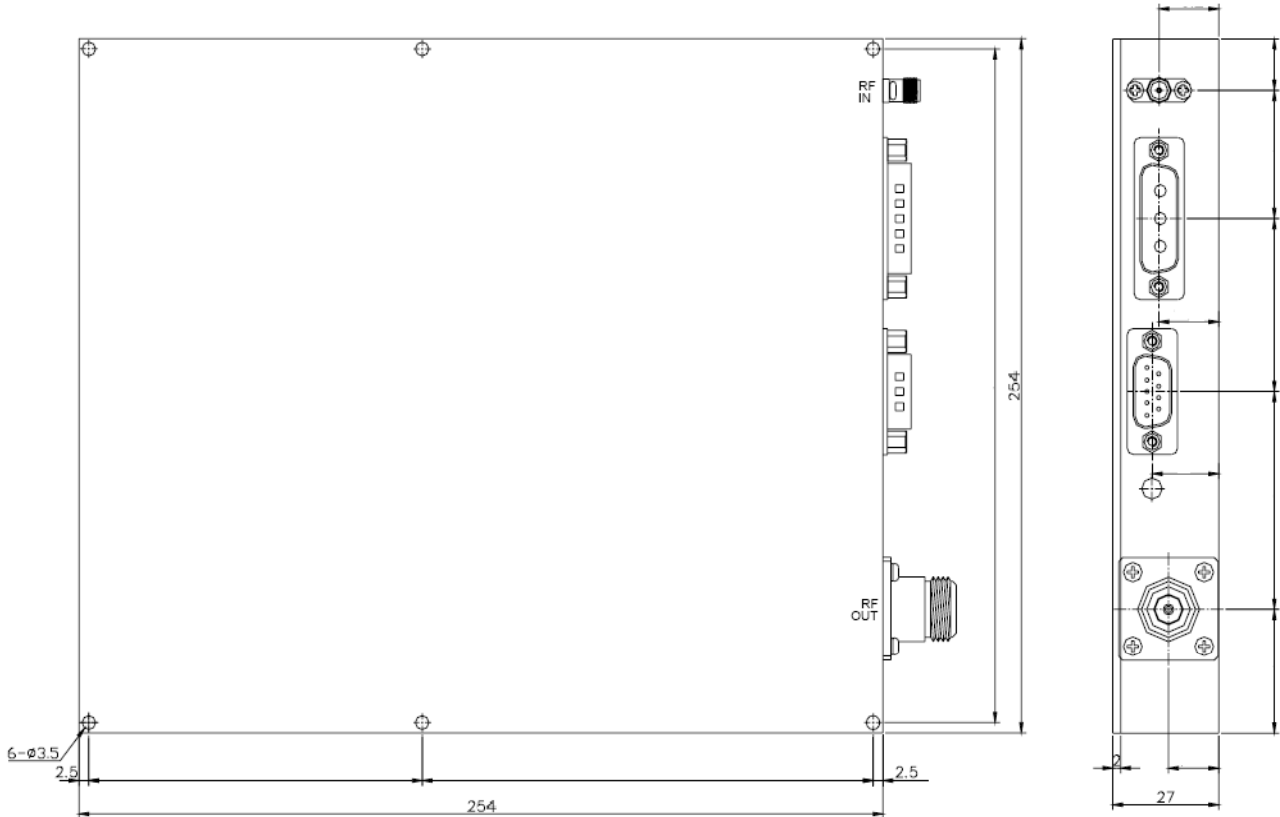


# RF-LAMBDA

The power beyond expectations

## RFLNPA00881-05W

**5W CDMA Power Amplifier 824MHz~894MHz**



- Pin 1: Over power alarm
- Pin 2: Output VSWR alarm
- Pin 3: Over temperature alarm
- Pin 4: PA enable or disable
- Pin 5 Pin 9: GND
- Pin 6,7,8: N/C