



RF-LAMBDA

The power beyond expectations

RFLNPA00881-20W

20W Power Amplifier 869MHz~894MHz

- **Average Power 20W**
- **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:

869MHz-894MHz

Average Output Power:

43 dBm

IP3

65dBm

RF Gain:

54dB

Flatness:

+/-0.5dB

CDMA Adjacent Channel Power Rejection @ 43dBm:

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

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

VSWR:

1.5:1

DC Current:

11A@ 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):

205 x 170 x 26 mm

20W CDMA Power Amplifier 869MHz~894MHz

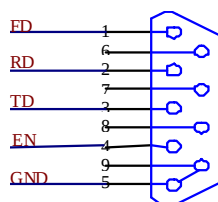
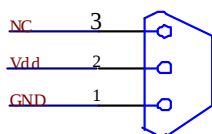
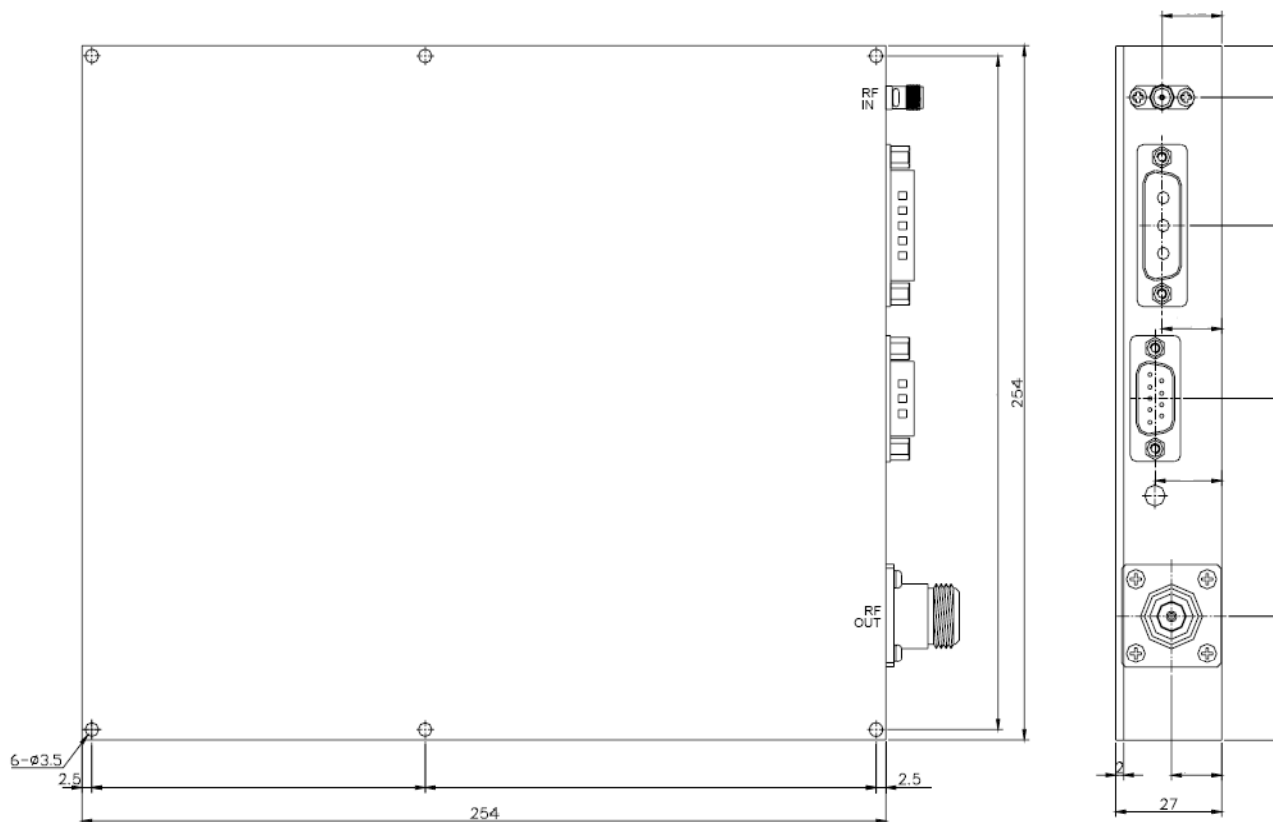


RF-LAMBDA

The power beyond expectations

RFLNPA00881-20W

20W CDMA Power Amplifier 869MHz~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