



RF-LAMBDA

The power beyond expectations

RFLNPA00881-10W

10W Power Amplifier 869MHz~894MHz

- **Average Power 10W**
- **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:	40 dBm
IP3	62dBm
RF Gain:	54dB
Flatness:	+/-0.5dB
CDMA Adjacent Channel Power Rejection @ 40dBm:	-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):	185 x 170 x 26 mm

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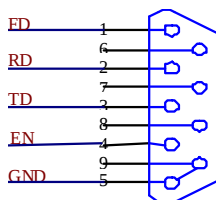
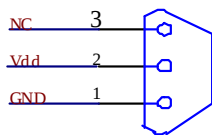
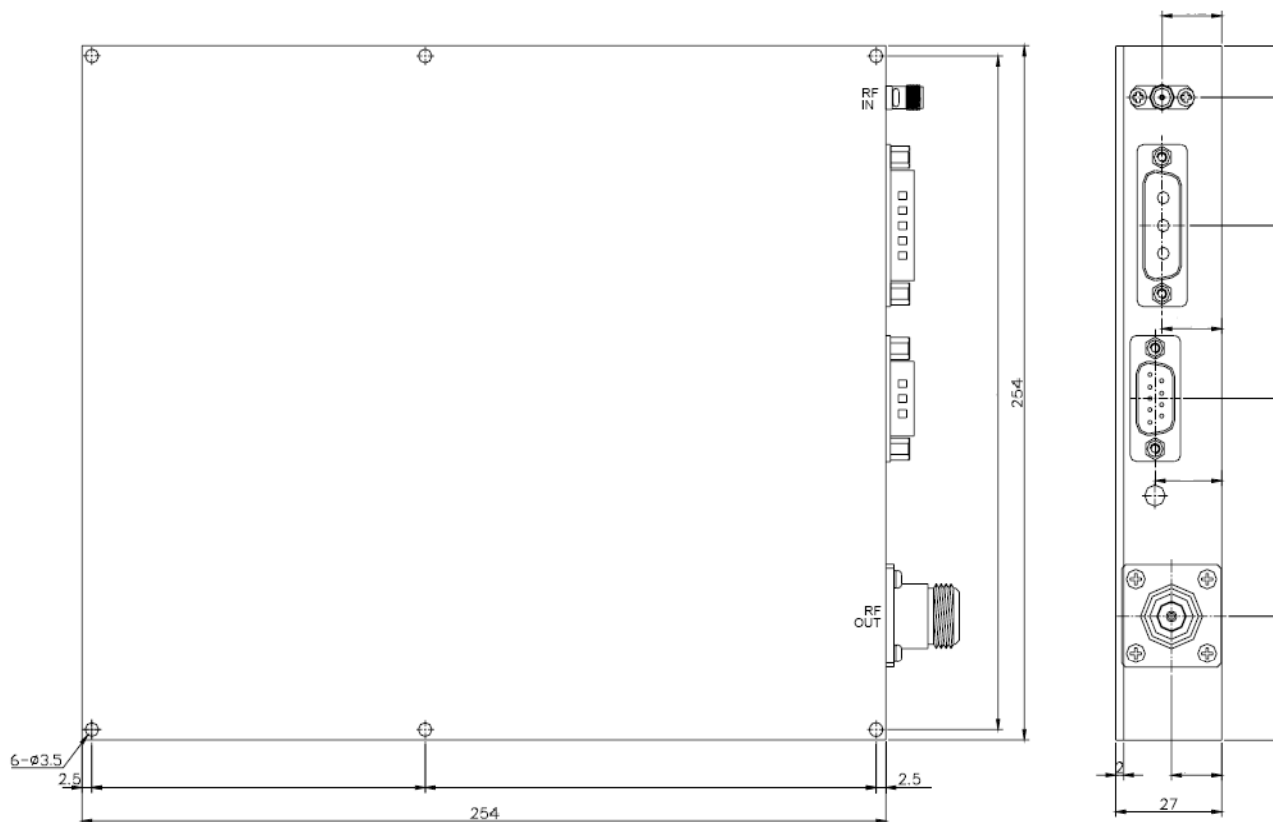


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- Pin 1: Over power alarm
- Pin 2: Output VSWR alarm
- Pin 3: Over temperature alarm
- Pin 4: PA enable or disable
- Pin 5 Pin 9: GND
- Pin 6,7,8: N/C