



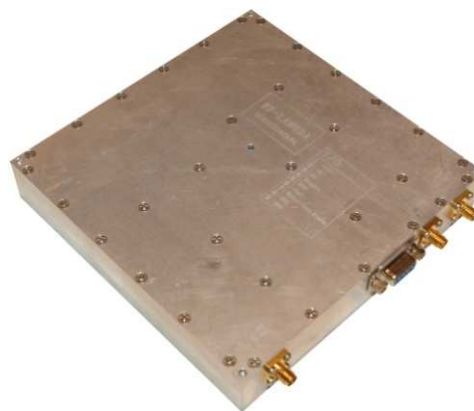
RF-LAMBDA

The power beyond expectations

RFLNPA00785

15W Power Amplifier 785MHz~815MHz

- **Average Power 15W**
- **Applicable for base station, repeaters of CMDA 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:	785MHz-815MHz
Average Output Power:	41.7 dBm
IP3	52dBm
RF Gain:	30dB
Flatness:	+/-0.5dB
Adjacent Channel Power Rejection @ 41dBm:	-45dBc@+/-750KHz (30KHz) -60dBc@+/-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):	205 x 170 x 26 mm

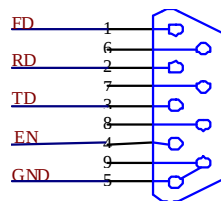
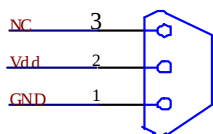
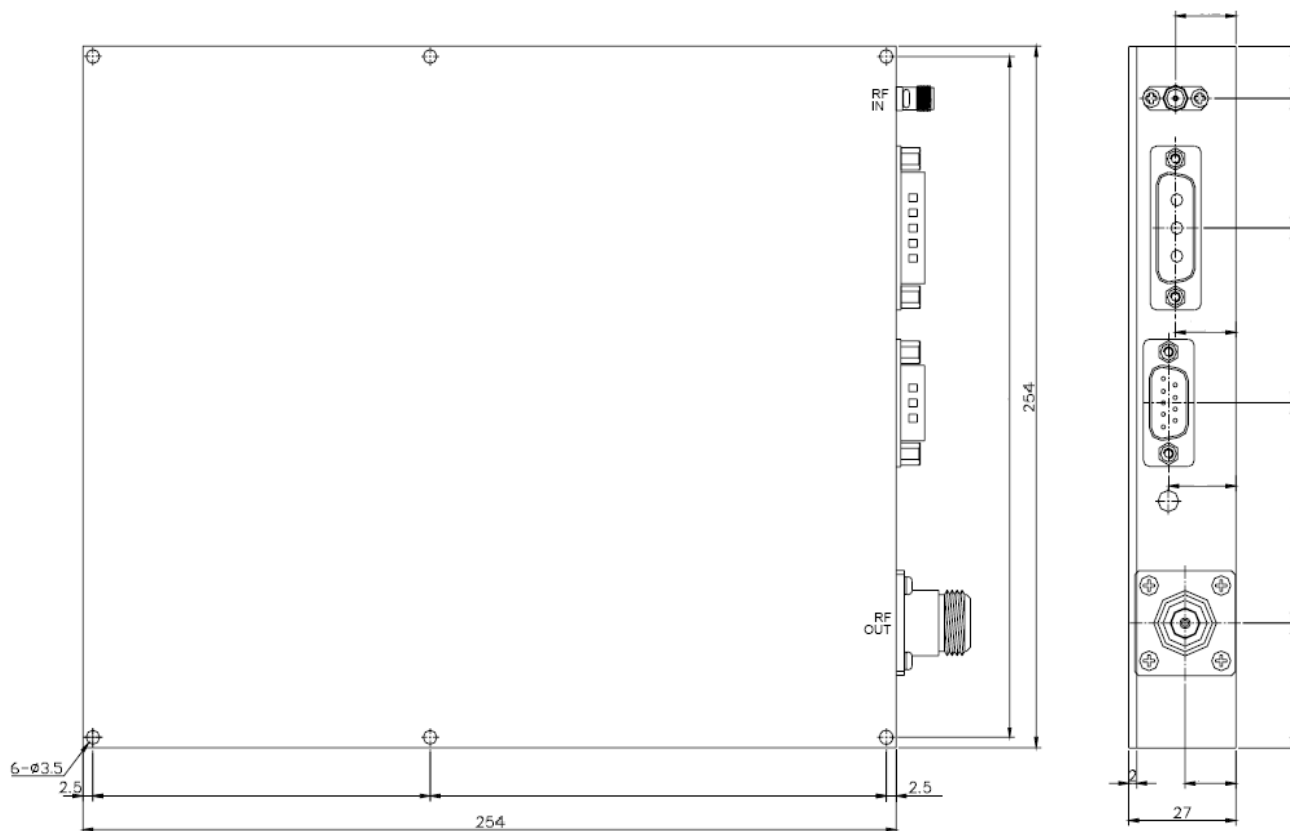
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Pin 1: Over power alarm
Pin 2: Output VSWR alarm
Pin 3: Over temperature alarm
Pin 4: PA enable or disable
Pin 5 Pin 9: GND
Pin 6,7,8: N/C

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