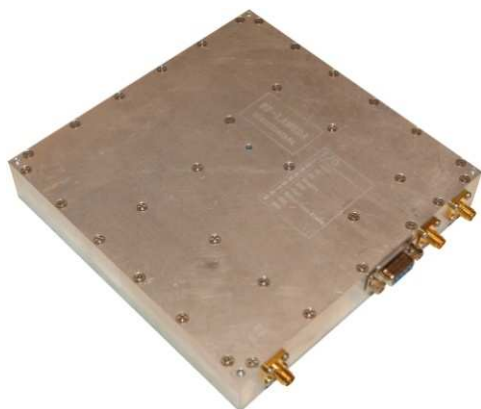




RF-LAMBDA

The power beyond expectations

RFLNPA00410



75W Power Amplifier 385MHz~500MHz

- **Average Power 75W**
- **Applicable for base station, repeaters of CMDA 450MHz cellular network**
- **CDMA multi-carrier operation**
- **High Peak to average handle capability**
- **High Linearity and High efficiency design**
- **Customized alarms and protections.**

Frequency Range:	410MHz-500MHz
Average Output Power:	49 dBm
RF Gain:	49dB +/-1dB
Flatness:	+/-0.5dB
Gain Variation (-25 to +60 degree C):	+/-1dB
IMD	-60dBc@49dBm/ tone
Spurious Emissions:	-45dBc@+/-750KHz
	-65dBc@+/-1.98MHz(75W)
	-60dBc@+/-1.98MHz(75W)
Input / Output Return Loss:	15dB min
Output Protection:	Isolator
DC Current:	12A@ 27V
Operating Base plate Temperature Range:	-25 to +60 degree C
Storage temperature Range:	-40 to +85 degree C
Over Power Alarm	50dBm +/-1dB
VSWR Alarm	4:1
Over Temperature Alarm	+85 +/-5 degree C
Enable/Disable	Enable (Low)
RF Connectors:	RF Input (SMA Female)
	RF Output (N Female)
Cooling:	Natural Convection
Convection Size (Length x Width x Height):	305 x 259 x 51 mm

75W Power Amplifier 385MHz~500MHz

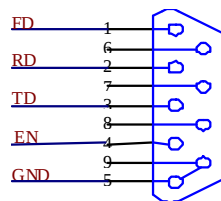
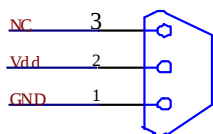
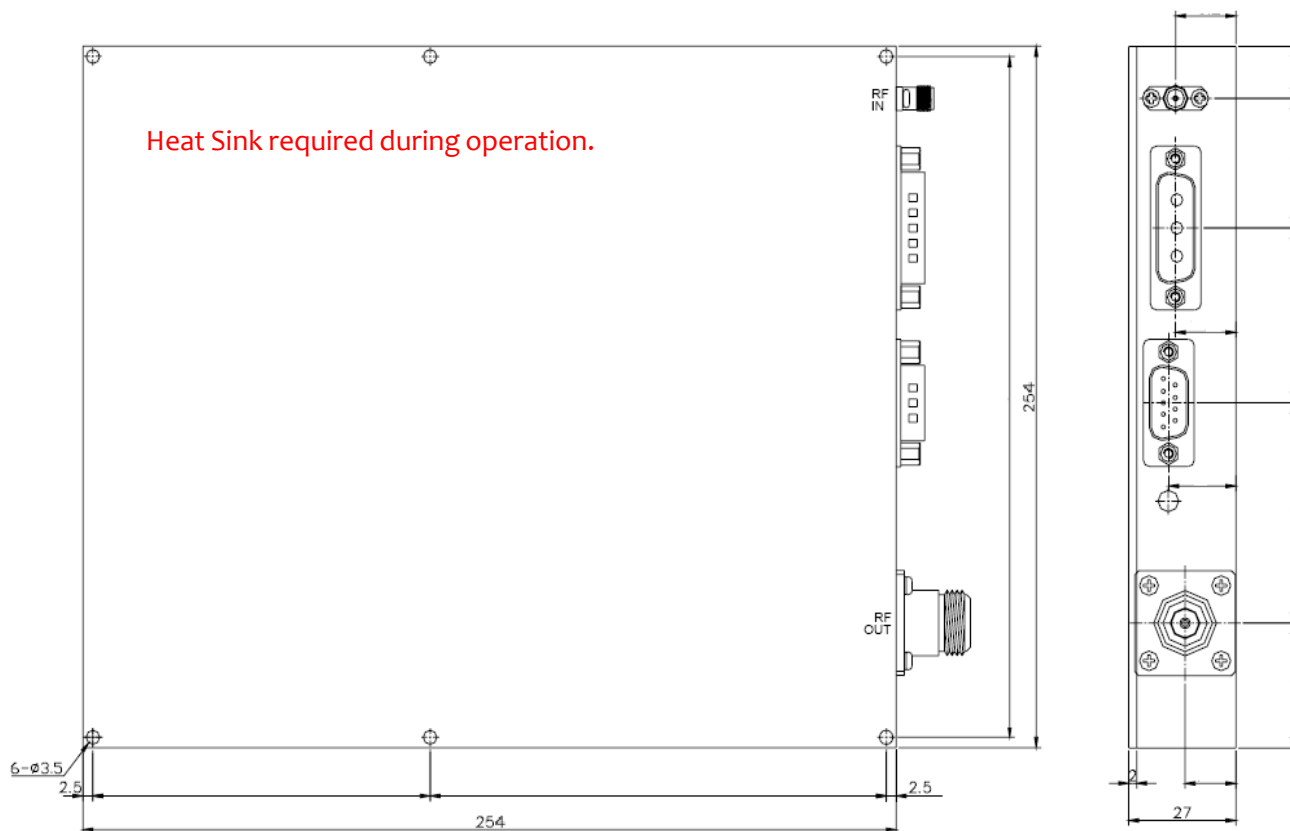


RF-LAMBDA

The power beyond expectations

RFLNPA00410

75W Power Amplifier 385MHz~500MHz



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