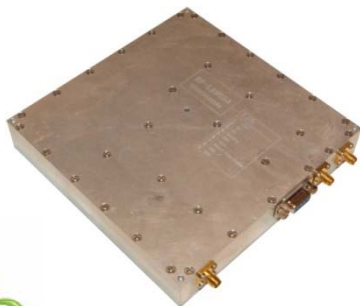




50.12W Narrow Band Power Amplifier 0.45-0.47GHz



- High output power $>+47\text{dBm}$
- Applicable for base station ,repeaters of cellular network
- Aerospace and military application
- LMDS multi-carrier operation
- High peak to average handle capability
- High Linearity and low noise figure
- All specifications can be modified upon request

50.12W Narrow Band Power Amplifier 0.45-0.47GHz

Electrical Specifications			
Frequency :	0.45-0.47GHz	P1dB	47dBm
Noise Figure:	5dB	P sat	35W
Gain	47dB+/-1dB	Ourput VSWR:	2.0:1
Power	50.12W	Input VSWR:	2.0:1
		DC Voltage:	+28VDC 2.6A max
Mechanical and Environmental Specifications			
Operation Temperature:	-40°C to 85°C base plate	Mechanical shock	30G,11mSec half sin wave,3 axis both directions
Vibration:	14.2g RMS(15-2000Hz) functional	Humidity	95% relative humidity,65°C 96Hour
	16.2g RMS(15-2000Hz) endurance, 1 hour per axis	MTBF	50000 hour min
Connectors:	SMA-Female	Case	Conductive no paint
	Supply RFI filter solder pin	Dimension (LxWxH):	See drawing. (Heat Sink is a option)

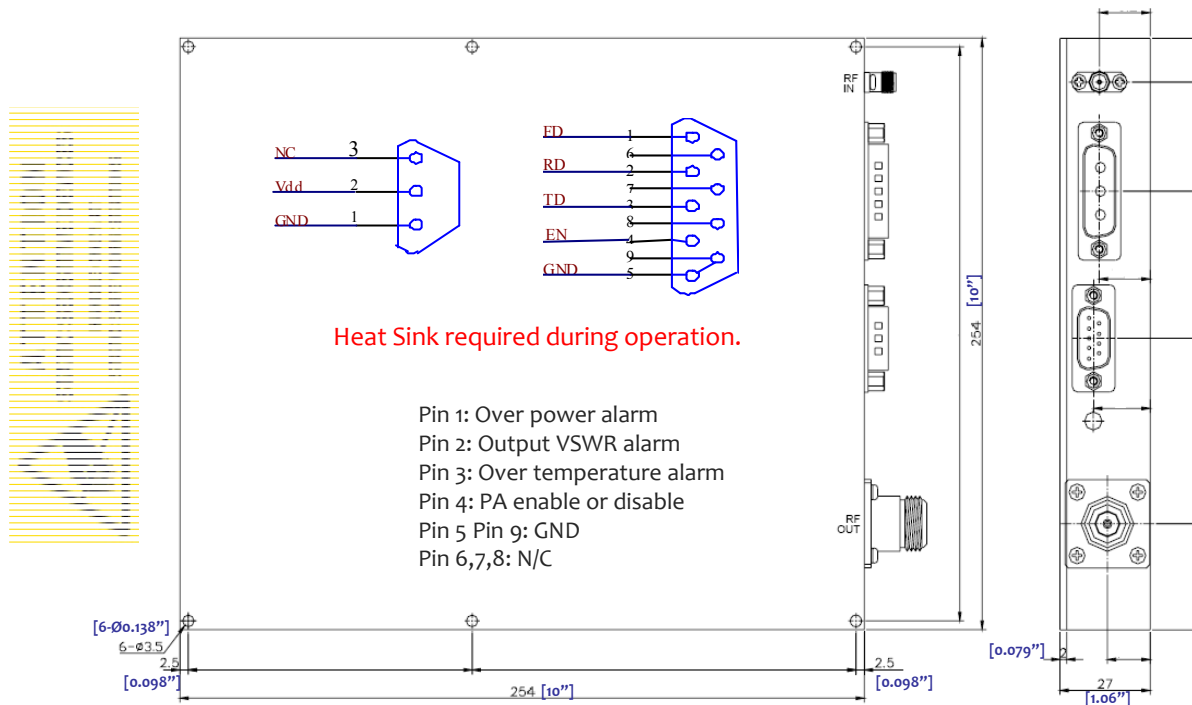
Ordering Information		
Part No	ECCN	Description
RFLNPA4547A	EAR99	0.45-0.47GHz Narrow Band Power Amplifier



RF-LAMBDA

The power beyond expectations

RFLNPA4547A



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