

## FEATURES

Class AB GaAs linear design  
 Instantaneous wide Bandwidth  
 Suitable for all single channel modulation standards  
 Built-in protection circuits  
 High reliability and ruggedness



## ELECTRICAL SPECIFICATIONS

Parameter	Specification	Notes
Operating Frequency Range	5.9 - 18.0 GHz	
Power Output Psat	2 Watt Min	CW
Power Output P1dB GCP	1 Watt Typ	CW
Power Gain	33 dB Min	
Power Gain Flatness	3 dB p-p Max	
Input Return Loss	10 dB Min	Relative to 50 Ohm
Harmonics	-20 dBc Typ	At rated Pout
Spurious	-60 dBc Max	Non-harmonics
Noise Figure	10 dB Max	
Operating Voltage	15 VDC Nom	
Current Consumption	1.8 Amp Max	At rated Pout
Max Input Power	+3 dBm Max	Without damage
Load VSWR	5 : 1 Max	

## ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Case Temperature	-20 to +70 °C	
Storage Temperature	-40 to +85 °C	
Relative Humidity	5 to 95 %	Non-condensation

## MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions	40 x 45 x 15 mm	Excluding connectors
Weight	TBD	
RF Connectors In/Out	Hi Freq. SMA female	
DC Power	Feed Thru	
Mounting Holes	4 Nos., M 2.7 through holes	
Sealing	Hermetic	

## PIN ASSIGNMENT

Pin	Function	Description
1	DC Voltage	+15VDC
2	GND	GND

**OUTLINE DRAWING**

