

AMP-0618-3320
Amplifier 6.0 to 18.0 GHz
33-40 dB Gain, 20 dBm

FEATURES

Instantaneous wide bandwidth
Built-in protection circuits
High reliability and ruggedness

ELECTRICAL SPECIFICATIONS

Parameters	Specification	Notes
Operating Frequency Range	6.0-18.0 GHz	
Power Output @ P1	+20 dBm	Min
Noise Figure:	5.0 dB Max	
Gain:	33-40 dB	Min
Gain Flatness:	+/- 1.5 dB	Max
VSWR:	2:1	Max
Voltage:	15VDC	
Current:	1100 mA	
Impedance:	50 Ohms	
Connectors:	SMA (F)	As per MIL-PRF-39012
Max Input Power:	+10 dBm CW	

ENVIRONMENTAL CHARACTERISTICS

Parameter	Specification	Notes
Operating Ambient Temperature	-40 to +70 °C	
Storage Temperature	-55 to +85 °C	
Relative Humidity	5 to 95 %	Non Condensation
Shock/Vibration:	MIL-STD-810F	

MECHANICAL SPECIFICATIONS

Parameter	Specification	Notes
Dimensions	See outline drawing	

DIMENSIONS IN MM