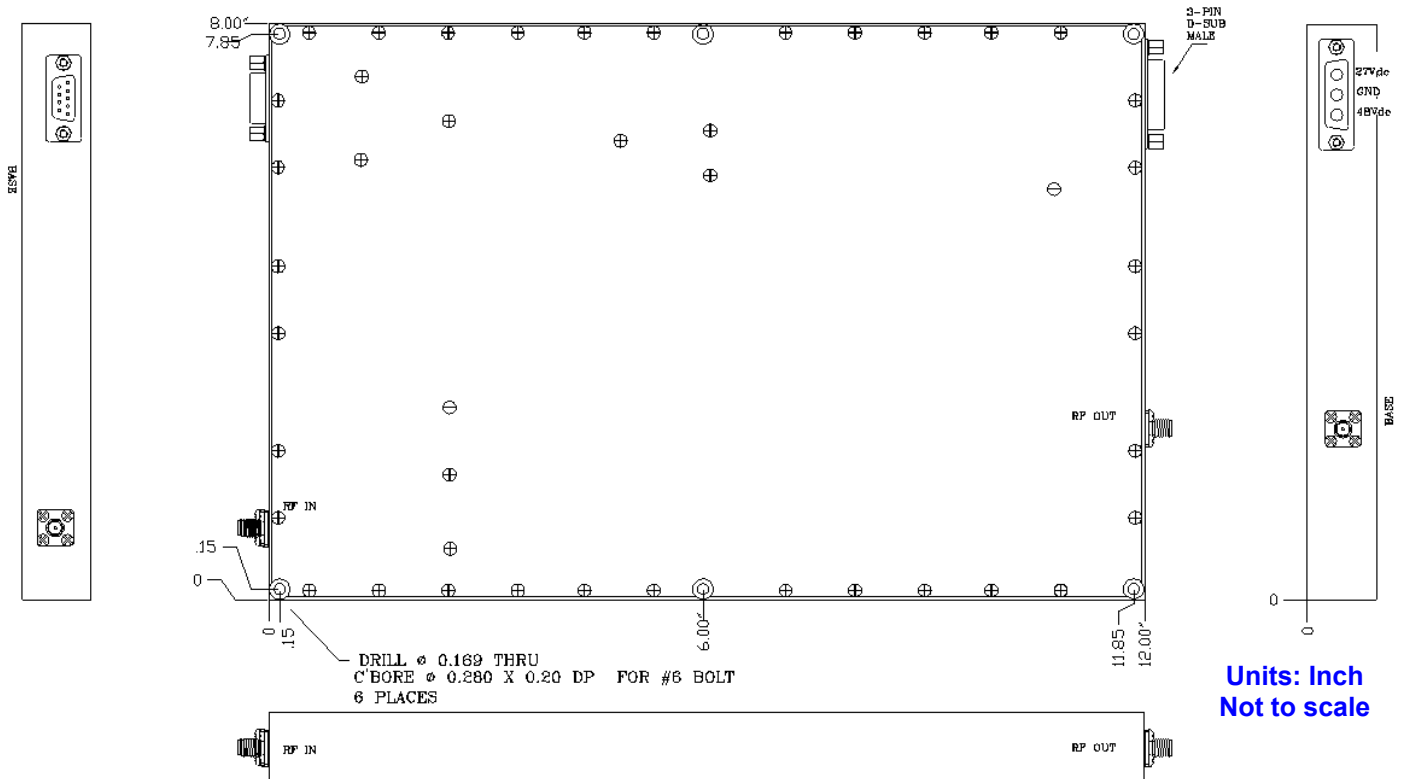


## RF Amplifier, 1025-1150MHz, Full and Split Bands 60dB Gain, N female Connectors, 2kW Peak 7% duty



Specifications		Units
Frequency Ranges	1030-1090// 1025-1150	MHz
RF Output Power	62 1600	<b>dBm</b> <b>Watt</b>
RF Gain	60	<b>dB</b>
Duty Cycle	5% max	
Pulse width max.	10	<b>usec.</b>
Supply Voltage	48	<b>Volts</b>
Dynamic Range	≥ 6	<b>dB</b>
Input/Output Return Loss	15	<b>dB min. (50Ω)</b>
Output Protection	Isolator	
DC Current	1	<b>A max</b>
Cooling	Conduction through base plate	
Connector	N female	
Environmental Conditions		
Operating Temperature	0c to + 80	<b>° C</b>
Storage Temperature	-40° to +85	<b>° C</b>
Operating Humidity	20 to 80 %	<b>RH</b>
Storage Humidity	5 to 95 %	<b>RH</b>

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## RF Amplifier, 1025-1150MHz, Full and Split Bands 60dB Gain, N female Connectors, 2kW Peak 7% duty

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**Order Examples:** RAMP-1025-1150M-60d-Nf-2kW Peak-b4

**Description:** (Amplifier, 1025-1150MHz, 60dB Gain, N-Female Connectors, 2kW Peak)

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Controls & Alarms		
Pin	Function	Note
A1	+28 Vdc	
A2	Return	
A3	+48 Vdc	
1	Fault Reset	Digital input, active low
2	RF Power Enable	Digital input, active low
3	Unused	
4	Fault Indication	Digital Output, active low
5	Unused	
6	Forward RF Power Detector	
7	Baseplate Temperature Sense	Analog, 2.5V @ +25°C
8	Reverse RF Alarm	
9	Signal Ground	Analog, 1 volt for 61 dBm forward