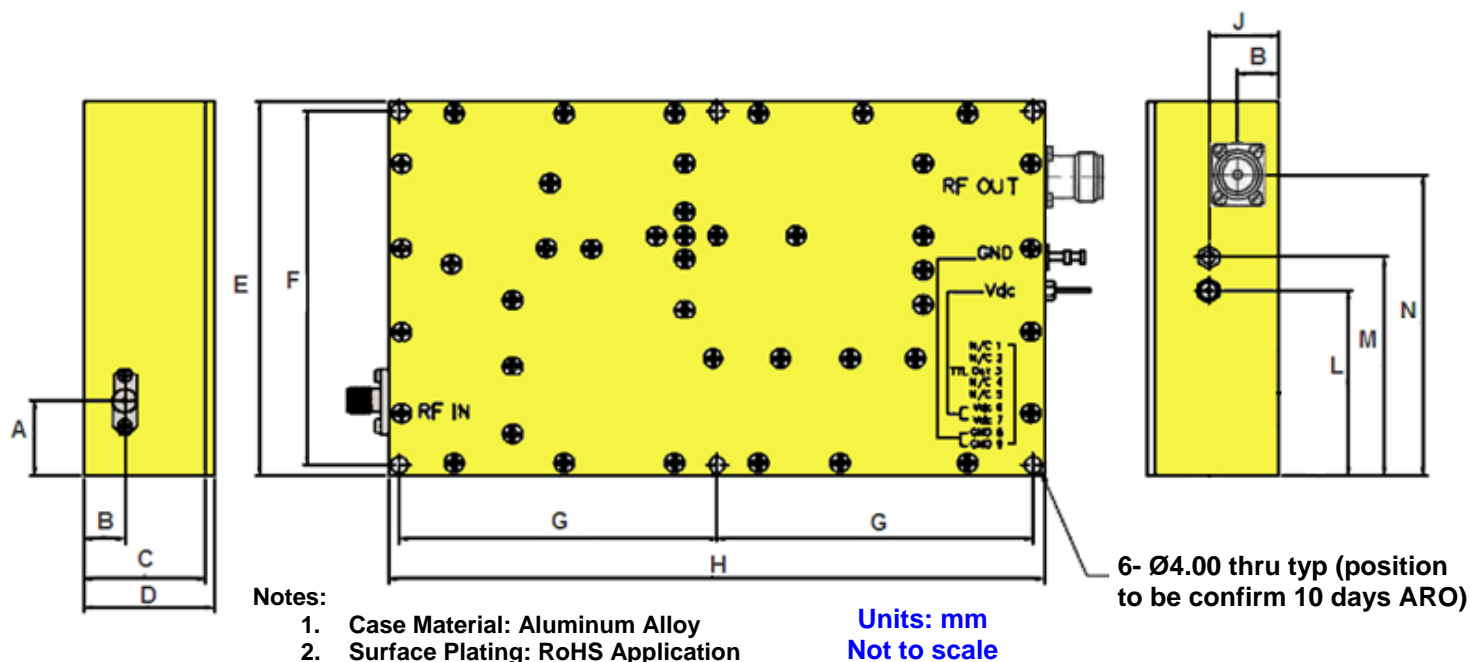


Amplifier-500-2000MHz, 45dB Gain, 28 Volts, Female Connectors SMA Input / N Output, 100 Watts



Dimensions:

A	B	C	D	E	F	G	H	J	K	L	M	N	Unit
tba	tba	tba	25	120	tba	tba	150	tba	tba	tba	tba	tba	mm

Order Examples: RAMP-500-2000M-45d-28V-Sf-Nf-100W-k2

Description: (Amplifier, 500-2000MHz, 45dB Gain, 28 Volts, Female Connectors SMA Input / N Output, 100Watts)

Electrical Specifications @VDD=+25VDC, T=25 °C , 50Ohm System

Parameter	Min	Typical	Max	Unit
Frequency Range	500		2000	MHz
1dB Compression Point			50	dBm
Gain	44	45	46	dB
Gain Flatness		±1.5	±2	dB
Gain Flatness over Temp.		±1		dB
IP3	55			dBm
Turn-On Time			300	mS
Input/Output VSWR			2.0:1	-
Operation Voltage	27	28	30	V
Max Current @ Pout=50dBm/CW			6	A
Standby current			0.3	A

Amplifier-500-2000MHz, 45dB Gain, 28 Volts, Female Connectors SMA Input / N Output, 100 Watts

Parameter		Unit
Environmental Characteristics		
Operating Case Temperature	-20 to +70	°C
Storage Temperature	-40 to +85	°C
Relative humidity	5 - 95	% (Non Condensing)
Altitude	30,000	Feet
Shock & Vibration	Airborne	
Mechanical Specifications		
Dimension (Body)	150(W) * 120(D) * 25(H)	mm
RF Input Connector	SMA Female	
RF Output Connector	N-Type Female	
I/O & DC Connector	D-Sub 9PIN Male	
Cooling	*External Heatsink Required	

I/O Interface (D-sub 9Pin Male)

Pin#	Description
1	Enable :Low , Disable :High or Open
2	GND
3	GND
4	GND
5	GND
6	+ 28VDC Input
7	+ 28VDC Input
8	+ 28VDC Input
9	+ 28VDC Input