

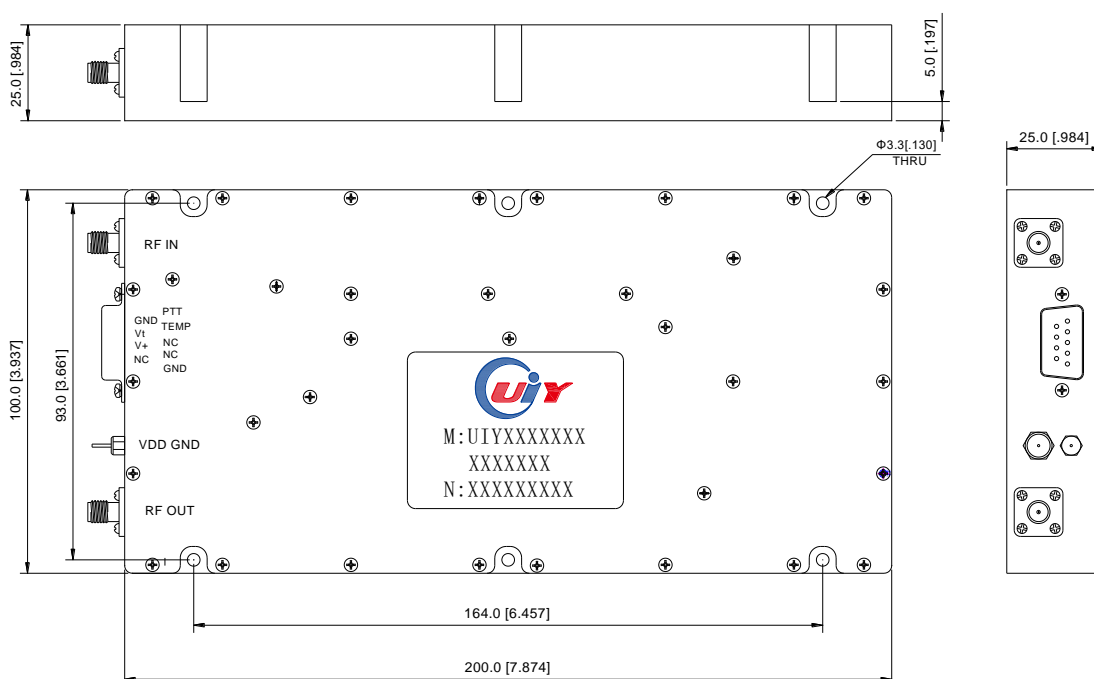
## 2200 to 2700MHz 60W – Power Amplifier

### UIYPA200100C2200T2700SF

RF Characteristics @T=25°C, VDD=+28VDC; 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	2200		2700	MHz
Power Output CW	Po	50	60		W
Saturation Output Power		80			
Power Gain @CW	G	47	50		dB
Input Power	Pin		0	5	dBm
Gain Flatness	ΔG		±1.50	±2.0	dB
Input VSWR	S11		1.5:1		
Odd Harmonics @CW	H	-15	-20		dBc
Even Harmonics @CW	H	-20	-25		dBc
Noise Figure	NF		6	8	dB
Spurious Signals	Spur		-60		dBc
Operating Voltage	VDC	24	28	30	Volt
Current Consumption @Po=20W	I <sub>D</sub>		7.5	8.5	A
Operating Temperature	T <sub>c</sub>	-40		+60	°C
Storage Temperature	T <sub>stg</sub>	-55		+70	°C
Connector Type	Input SMA Female, Output SMA Female				
<ul style="list-style-type: none"> <li>◇ Listed are specific frequency ranges and other ranges are available.</li> <li>◇ Please provide the below information when inquiring and mark * is required.                             <ul style="list-style-type: none"> <li>* 1. The specific pass band frequency range</li> <li>* 2. The specific Gain and Power</li> <li>3. Other special requests.</li> </ul> </li> </ul>					

## Mechanical Drawing

Note: External heatsink is needed in this module



Unit: mm/ inch, General part tolerance is  $\pm 2\%$  unless otherwise stated.

Ver. 5