

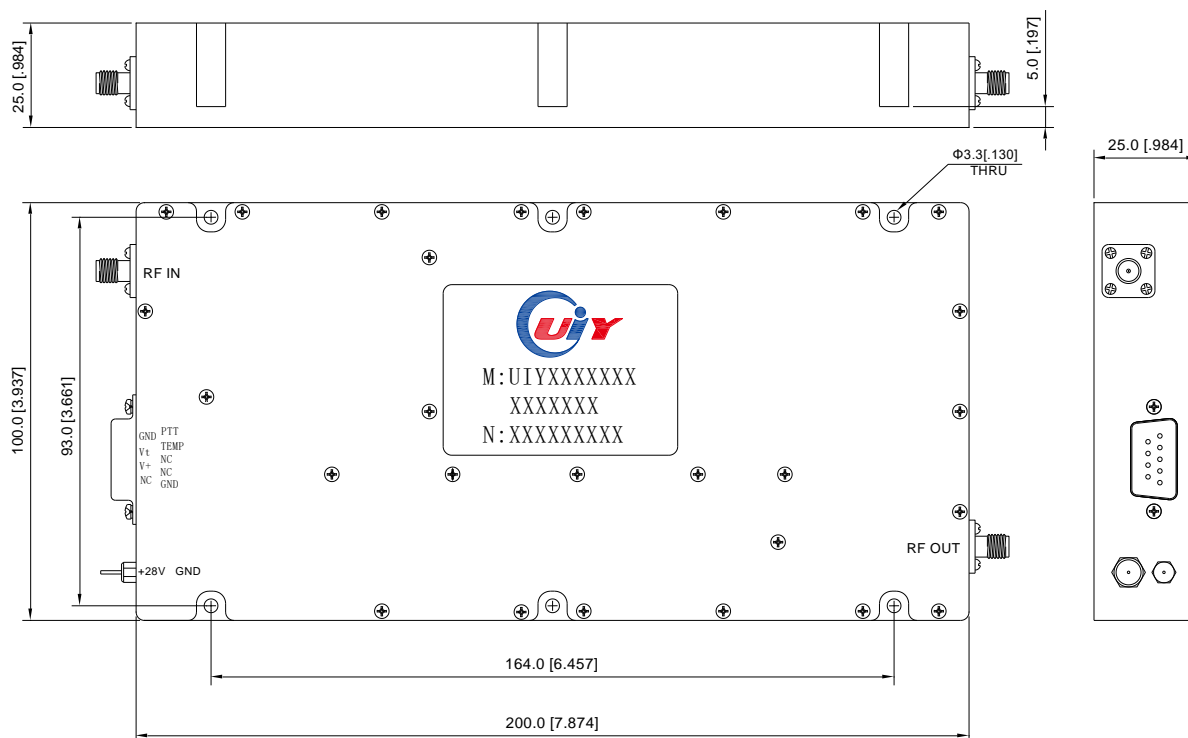
850 to 950MHz 25W – Power Amplifier

UIYPA200100E850T950SF

RF Characteristics @T=25°C, VDD=+28VDC; 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	850		950	MHz
Power Output CW	Po		25		W
Power @1dB	P1dB		44		dBm
Power @3dB	P3dB		46		dBm
Pout IMD3	IMD3		52		dBm
Power Gain @CW	G		50		dB
Input Power	Pin		0	5	dBm
Input VSWR	S11		1.3:1		
Noise Figure	NF		5.5		dB
Operating Voltage	VDC		28		Volt
Current Consumption @Po=25W	I _b		5		A
Operating Temperature	T _c	-40		+60	°C
Storage Temperature	T _{stg}	-55		+70	°C
Connector Type	Input SMA Female, Output SMA Female				
<ul style="list-style-type: none"> ◇ Listed are specific frequency ranges and other ranges are available. ◇ Please provide the below information when inquiring and mark * is required. <ul style="list-style-type: none"> * 1. The specific pass band frequency range * 2. The specific Gain and Power * 3. Other special requests. 					

Mechanical Drawing

Note: External heatsink is needed in this module



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

Ver. 5