



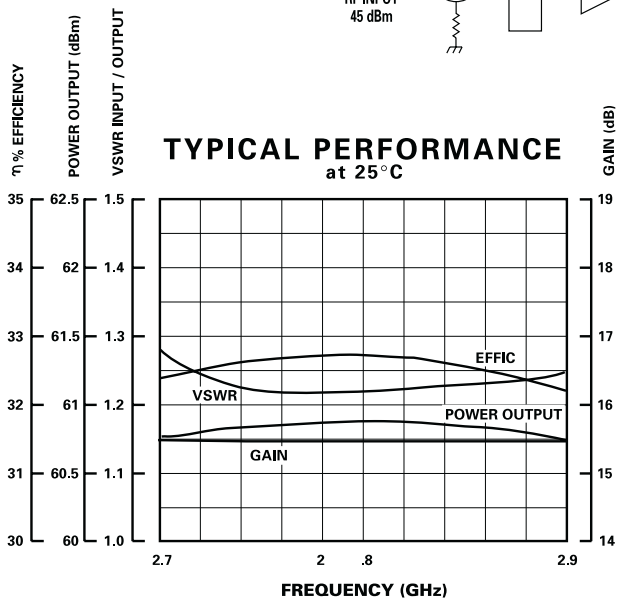
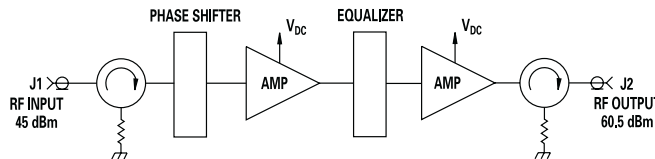
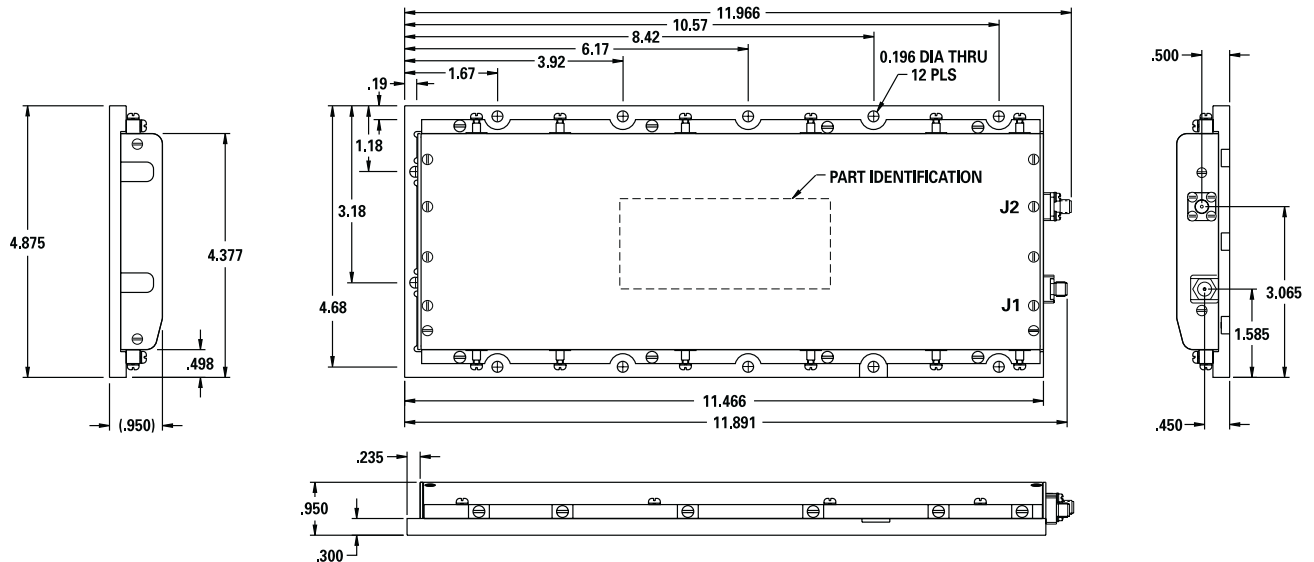
# MODEL NUMBER CAMH9115

# S-Band High Power Amplifier

## FEATURES

- 2.7-2.9 GHz
- 60.5 dBm Output Power
- Medium Pulse Operation up to 200  $\mu$ Sec
- 12% Duty Cycle

## AMP



## GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions
Operating Frequency	2.7		2.9	GHz	
RF Power P <sub>in</sub>	44.8	45	45.3	dBm	
RF Out P <sub>1dB Comp</sub>	60.3	60.5	61.0	dBm	
Gain		17		dB	
Duty Cycle			12	%	
Pulse Width			200	$\mu$ Sec	
Amplitude Droop			0.35	dB	
Phase Tracking Between			$\pm 8$	DEG	RMS
Input / Output VSWR		1.3/1	1.5/1		In 50 Ohm System
Pulse-to-Pulse Stability	-0.05		+0.05	DEG	Test By Customer, Not Daico
RF Power Pin	36.7	37.0	37.6	dBm	
Efficiency	32	34		%	On 40 V Supply
DC Current		10.8	11	AMP	At +37 VDC (Average Current)
Package					11.9" X 4.87" X 0.95" H with SMA Female Connector
Environment	Moisture	5	95	%	Relative Humidity, Non Condensing
	Altitude	-1000	+10000	Ft	Operation and Non-Operation
Operating Temperature		0	+50	$^{\circ}$ C	TA
		-40	+70	$^{\circ}$ C	TA