



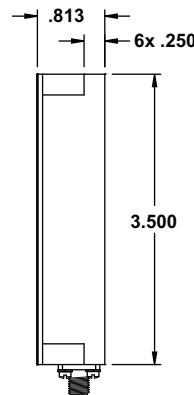
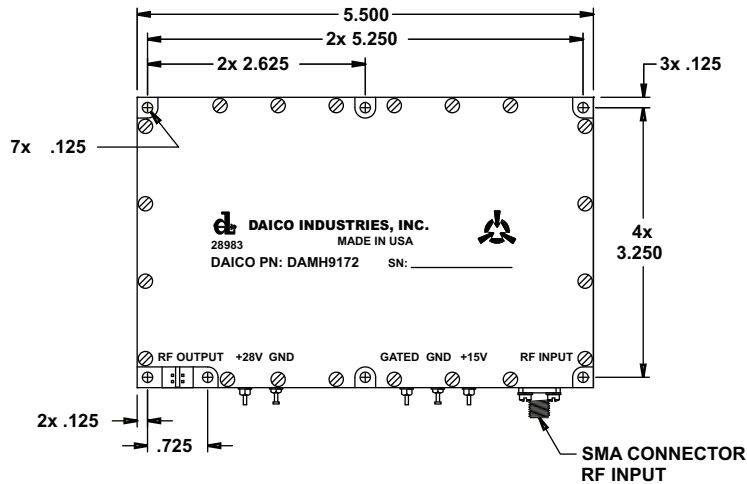
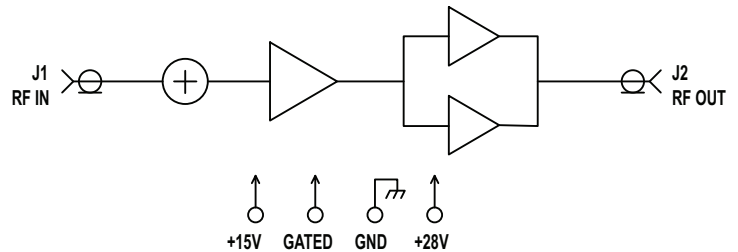
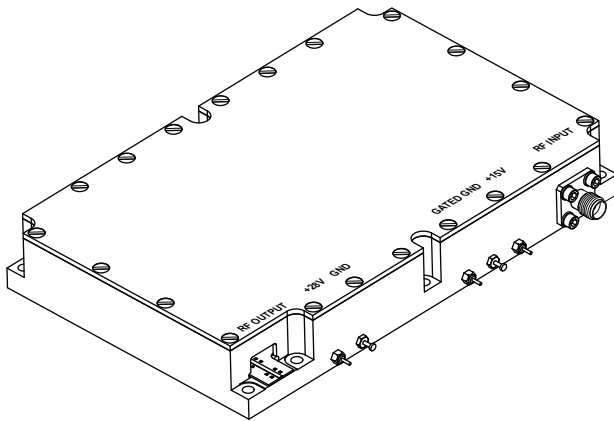
# MODEL NUMBER DAMH9172

# Power Amplifier

## FEATURES

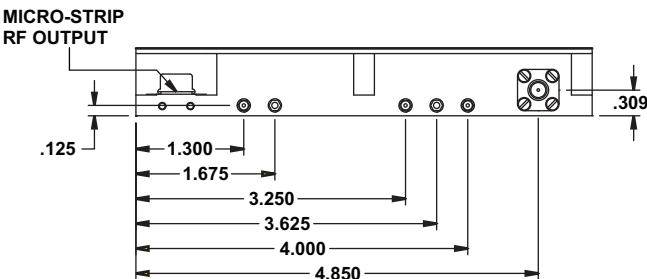
- Operating Frequency: L-Band
- RF Power: 200W/100W
- Gain: 43/40dB
- Pulse Width: 320 microseconds
- Duty Cycle: 10%
- Voltage: 48V/28V
- Operating Temp.: -40 to +71°C

## AMP



## GUARANTEED PERFORMANCE

Parameter	Min	Typ	Max	Units	Conditions/Limits
Operating Frequency	1.2		1.4	GHz	
RF Output Power	53/50			dBm	+48V/+28V Operation
Power Gain	43/40			dB	All Conditions
RF Input Power (Pulse)		10		dBm	320uS, 10%
Impedance		50		OHMS	
I/O VSWR	1.5:1				
Load VSWR			INFINITY		No Damage All Phase
Harmonics	20			dBc	2nd and 3rd
Spurious	65			dBc	
DC Input	28		48	VDC	
DC Current			10.0	A	Peak
Enable Timing (On/Off)	∞		5.0/5.0	sec	"L"=Enable; "H"=Disable
Operating Temperature	-40	25	71	°C	



**DAICO** Industries