



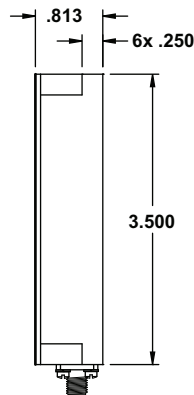
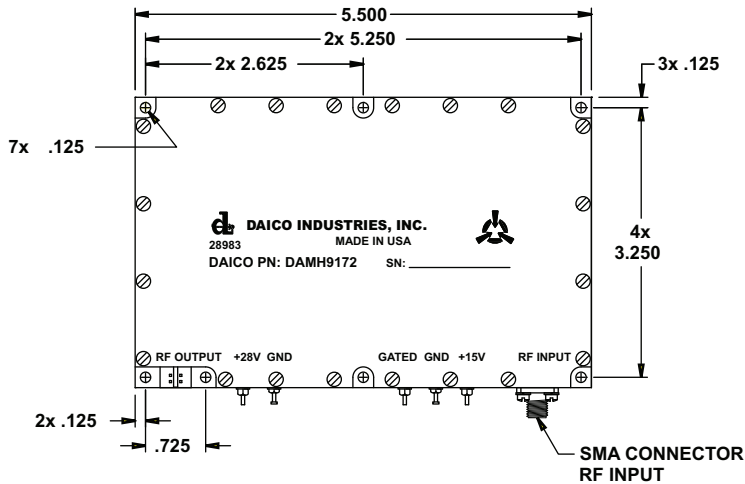
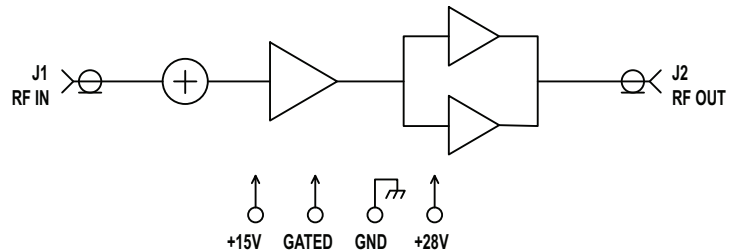
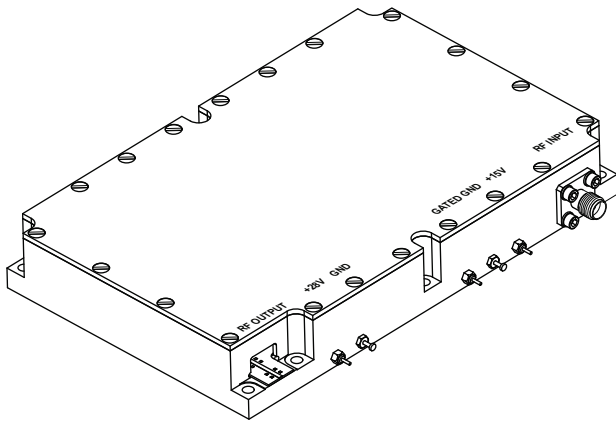
MODEL NUMBER DAMH9172

Power Amplifier

FEATURES

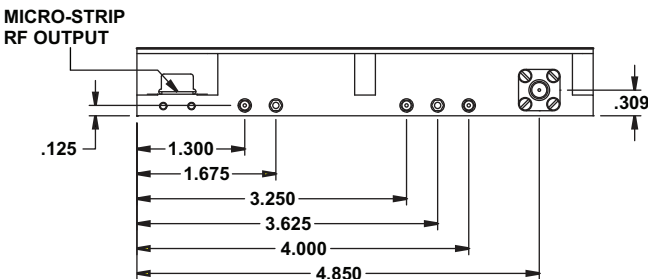
- Operating Frequency: L-Band
- RF Power: 200W/100W
- Gain: 43/40dB
- Pulse Width: 320 microseconds
- Duty Cycle: 10%
- Voltage: 48V/28V
- Operating Temp.: -40 to +71°C

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