Specifications:
Part Numbering: 250029-xxxx where -xxxx represents the magnetic matching network required for a particular transducer.

Weight: 0.625 lbs / 283g

Input Voltage Range: 10.5V-48VDC (>36VDC may require special configuration)

Power Consumption (As of 2018-01 with appropriate hardware firmware revisions):
Hibernate: 0.96mW @ 12VDC
Idle: 0.82W @ 12VDC
Receive: 0.82W @ 12VDC
Transmit: Dependent on Transducer and Matching Network

Handling: High voltage DC components are present and exposed on the bottomside of the power amplifier. Please take the necessary precautions to avoid shorting circuitry on the board. A minimum of 0.313" clearance is recommended between the bottom side of the circuit board and the nearest mechanical component.

Schematic: Refer to 250029-SCH for typical wiring inter-connects.

Parts List

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>202006</td>
<td>Power Amplifier, RFF, Wide Input</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>201403</td>
<td>Chassis, MM to PA</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>201005b</td>
<td>Micromodem 2.0</td>
</tr>
</tbody>
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Material: 10/11/2018
Finish: 10/11/2018 Sheet 1 of 2

Keenan Ball

Micromodem 2 with RFF Power Amplifier