Notes:

1. Repetitive rating; pulse width limited by max. junction temperature.
2. Starting \( T_J = 25^\circ C \),
   \[
   \begin{align*}
   Q1: & \quad L = 0.13\text{mH}, \quad R_G = 50\Omega, \quad I_{AS} = 25\text{A}; \\
   Q2: & \quad L = 1.24\text{mH}, \quad R_G = 50\Omega, \quad I_{AS} = 25\text{A}.
   \end{align*}
   \]
3. Pulse width \( \leq 400\mu s \); duty cycle \( \leq 2\% \).
4. \( R_0 \) is measured at \( T_J \) approximately 90°C.
6. Calculated continuous current based on maximum allowable junction temperature.
7. Current is limited to \( Q1 = 25\text{A} \) & \( Q2 = 25\text{A} \) by source bonding technology.
8. Pulsed drain current is limited to 100A by source bonding technology.

Qualification Information

<table>
<thead>
<tr>
<th>Qualification level</th>
<th>Industrial (per JEDEC JESD47F †† guidelines)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture Sensitivity Level</td>
<td>DUAL PQFN 5mm x 4mm</td>
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<tr>
<td>RoHS Compliant</td>
<td>Yes</td>
</tr>
</tbody>
</table>

† Qualification standards can be found at International Rectifier’s web site [http://www.irf.com/product-info/reliability](http://www.irf.com/product-info/reliability)

†† Applicable version of JEDEC standard at the time of product release.

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Dual PQFN 5x4 Outline Tape and Reel

![Diagram of Dual PQFN 5x4 Tape and Reel]

Note: For the most current drawing please refer to IR website at [http://www.irf.com/package/](http://www.irf.com/package/)

<table>
<thead>
<tr>
<th>Package Type</th>
<th>Reel Diameter (mm)</th>
<th>QTY</th>
<th>Reel Width (mm)</th>
<th>A0 (mm)</th>
<th>B0 (mm)</th>
<th>C0 (mm)</th>
<th>P1 (mm)</th>
<th>W (mm)</th>
<th>Pin 1 Quadrant</th>
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</thead>
<tbody>
<tr>
<td>DUAL PQFN</td>
<td>5 x 4</td>
<td>12</td>
<td>5.300</td>
<td>4.300</td>
<td>1.20</td>
<td>8.00</td>
<td>12</td>
<td>Q1</td>
<td></td>
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