LP9 (E) – 9 x 9 mm QUAD FLATPACK
NO-LEAD (QFN) PLASTIC PACKAGE

LP9 (E) Package Outline Drawing

NOTES:
1. PACKAGE BODY MATERIAL: LOW STRESS INJECTION MOLDED PLASTIC SILICA AND SILICON IMPREGNATED.
2. LEAD AND GROUND PADDLE MATERIAL: COPPER ALLOY.
3. LEAD AND GROUND PADDLE PLATING: 100% MATTE TIN.
4. DIMENSIONS ARE IN INCHES [MILLIMETERS].
5. LEAD SPACING TOLERANCE IS NON-CUMULATIVE.
6. PAD BURR LENGTH SHALL BE 0.15mm MAX. PAD BURR HEIGHT SHALL BE 0.25mm MAX.
7. PACKAGE WARP SHALL NOT EXCEED 0.05mm
8. ALL GROUND LEADS AND GROUND PADDLE MUST BE SOLDERED TO PCB RF GROUND.
9. REFER TO HITTITE APPLICATION NOTE FOR SUGGESTED PCB LAND PATTERN.

<table>
<thead>
<tr>
<th>Part Number Suffix</th>
<th>Package Body Material</th>
<th>Lead Finish</th>
<th>MSL Rating</th>
<th>Package Marking [3][4]</th>
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</thead>
<tbody>
<tr>
<td>LP9</td>
<td>RoHS Compliant Mold Compound</td>
<td>Sn/Pb Solder</td>
<td>MSL1 [1]</td>
<td>HNNN XXXX</td>
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<tr>
<td>LP9E</td>
<td>RoHS Compliant Mold Compound</td>
<td>100% matte Sn</td>
<td>MSL1 [2]</td>
<td>HNNN XXXX</td>
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</tbody>
</table>

[1] Max peak reflow temperature of 235 °C
[3] 4-Digit lot number XXXX
[4] 3-Digit part number NNN