DELTA P/N : HCUVE806412 Series

Mechanical dimensions

Electrical Characteristics @ 25℃, 100KHz, 1V

<table>
<thead>
<tr>
<th>Delta P/N</th>
<th>$L^1$ (nH)</th>
<th>$L_i$ (nH) MIN</th>
<th>DCR (mΩ)</th>
<th>$I_{sat}^2$ (A) 25℃</th>
<th>$I_r^3$ (A) 100℃</th>
<th>$I_r^3$ (A) 125℃</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCUVE806412-121</td>
<td>120</td>
<td>86</td>
<td>0.18 ± 10%</td>
<td>100</td>
<td>80</td>
<td>75</td>
</tr>
<tr>
<td>HCUVE806412-151</td>
<td>150</td>
<td>108</td>
<td></td>
<td>81</td>
<td>65</td>
<td>61</td>
</tr>
</tbody>
</table>

1. Tolerance of inductance : ± 10%
2. $I_{sat}$ is the DC current which cause the inductance drop to $L_i$.
3. $I_r$ is the DC current which cause the surface temperature of the part increase approximately 40 ℃.
4. Operating temperature: -40℃ to 125℃ (Self-temperature rise included).

1. $T_{RJ}$ : mm
   - A = 8.0 MAX
   - B = 12.0 MAX
   - C = 6.4 MAX
   - D = 9.1
   - E = 2.5
   - F = 3.1
   - G = 2.6
   - H = 9.0
   - J = 3.8