DELTA P/N: TLM126012F Series

Mechanical Dimensions

\[
\begin{array}{c}
\text{UNIT: mm} \\
A = 12.0 \text{ MAX} \\
B = 6.0 \text{ MAX} \\
C = 12.1 \text{ MAX} \\
D = 1.27 \\
E = 1.63 \\
F = 2.55 \\
G = 2.62 \\
H = 10.07 \\
I = 1.77 \\
J = 2.13 \\
K = 3.05 \\
L = 2.62 \\
M = 10.07 \\
\end{array}
\]

Electrical Characteristics @ 25℃, 100kHz, 1V

<table>
<thead>
<tr>
<th>Delta P/N</th>
<th>(L) (nH) ± 10%</th>
<th>(L_i) (nH) MIN</th>
<th>DCR (mΩ) ± 10%</th>
<th>Isat (^1) (A)</th>
<th>Ir (^2) (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLM126012F-700</td>
<td>70</td>
<td>50</td>
<td>0.125</td>
<td>160</td>
<td>75</td>
</tr>
<tr>
<td>TLM126012F-101</td>
<td>100</td>
<td>72</td>
<td>0.34</td>
<td>130</td>
<td></td>
</tr>
<tr>
<td>TLM126012F-121</td>
<td>120</td>
<td>86</td>
<td>130</td>
<td>106</td>
<td></td>
</tr>
<tr>
<td>TLM126012F-151</td>
<td>150</td>
<td>108</td>
<td>130</td>
<td>106</td>
<td></td>
</tr>
</tbody>
</table>

1. Isat is the DC current which causes the inductance drop to \(L_i\).
2. Ir is the DC current which causes the surface temperature of the part to increase approximately 40 °C.
3. Operating temperature: -40°C to 125°C (Self-temperature rise included).