The C0984-CL transformer is designed specifically for the Maxim MAX5074 isolated PWM power IC in a forward DC-DC converter. It can be used in power supplies for IEEE 802.3af-compliant PoE applications, IP phones, WLAN Access-Points and a variety of other telecom applications with an input voltage range from 36 V to 72 V.

This transformer features very low secondary winding DCR and 1500 Vrms isolation from the primary and bias windings to the secondary.

Coilcraft can also custom engineer a transformer to meet your specific requirements. For free evaluation samples, contact Coilcraft or visit www.coilcraft.com.

<table>
<thead>
<tr>
<th>Part number</th>
<th>Power</th>
<th>Inductance</th>
<th>DCR max (Ohms)</th>
<th>Leakage inductance</th>
<th>Turns ratio</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>C0984-CL_</td>
<td>18 W</td>
<td>395</td>
<td>0.127</td>
<td>1.75</td>
<td>1:0.88</td>
<td>12 V, 1.5 A (sec)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.065</td>
<td></td>
<td>1:0.44</td>
<td>14 V, 0.03 A (bias)</td>
</tr>
</tbody>
</table>

1. When ordering, please specify a packaging code:
   C0984-CLD
   Packaging: D = 13" machine ready reel. EIA-481 embossed plastic tape (200 per full reel),
   B = Less than full reel. In tape, but not machine ready.
   To have a leader and trailer added ($25 charge), use code letter D instead.

2. Inductance is for the primary, measured at 10 kHz, 0.1 Vrms, 0 Adc.
3. Leakage inductance is for the primary winding with the other windings shorted.
4. Operating temperature range –40°C to +125°C.
5. Electrical specifications at 25°C.

Refer to Doc 362 “Soldering Surface Mount Components” before soldering.