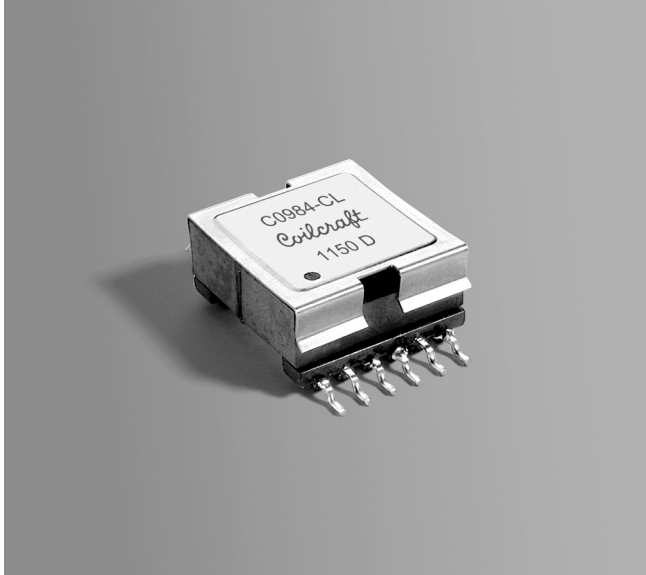


# Power Transformer

For Maxim MAX5074  
Isolated PWM Power IC



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](http://www.coilcraft.com).

Part number <sup>1</sup>	Power	Inductance <sup>2</sup> min (µH)	DCR max (Ohms)			Leakage inductance <sup>3</sup> max (µH)	Turns ratio		Output
			pri	sec	bias		pri:sec	pri:bias	
C0984-CL_	18 W	395	0.127	0.065	0.875	1.75	1:0.88	1:0.44	12 V, 1.5 A (sec) 14 V, 0.03 A (bias)

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). Quantities less than full reel available: in tape (not machine ready) or with leader and trailer (\$25 charge).

B = Less than full reel. In an effort to simplify our part numbering system, Coilcraft is eliminating the need for multiple packaging codes. When ordering, simply change the last letter of your part number from B to D.

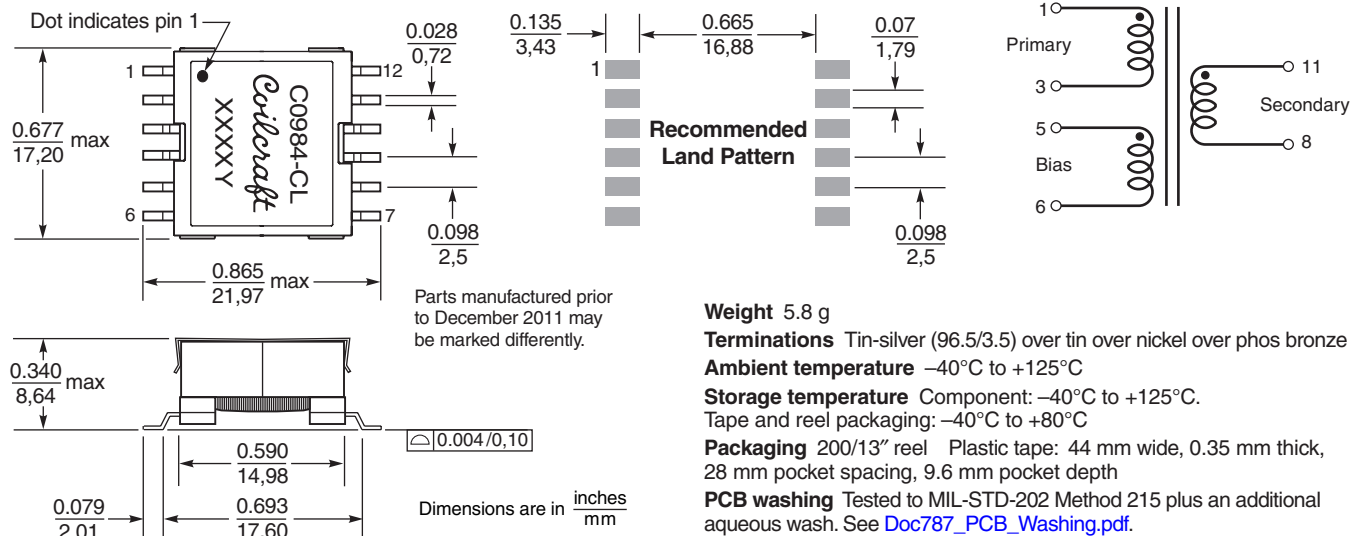
2. Inductance is for the primary, measured at 10 kHz, 0.1 Vrms, 0 Adc.

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.



**Coilcraft**  
www.coilcraft.com

**US** +1-847-639-6400 sales@coilcraft.com  
**UK** +44-1236-730595 sales@coilcraft-europe.com  
**Taiwan** +886-2-2264 3646 sales@coilcraft.com.tw  
**China** +86-21-6218 8074 sales@coilcraft.com.cn  
**Singapore** + 65-6484 8412 sales@coilcraft.com.sg

Document 441 Revised 12/20/11

© Coilcraft Inc. 2021

This product may not be used in medical or high risk applications without prior Coilcraft approval. Specification subject to change without notice. Please check web site for latest information.