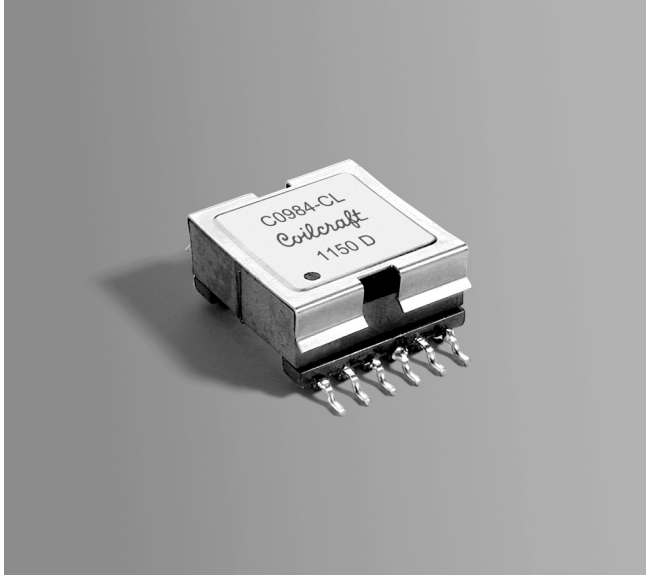


# Power Transformer

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).

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.

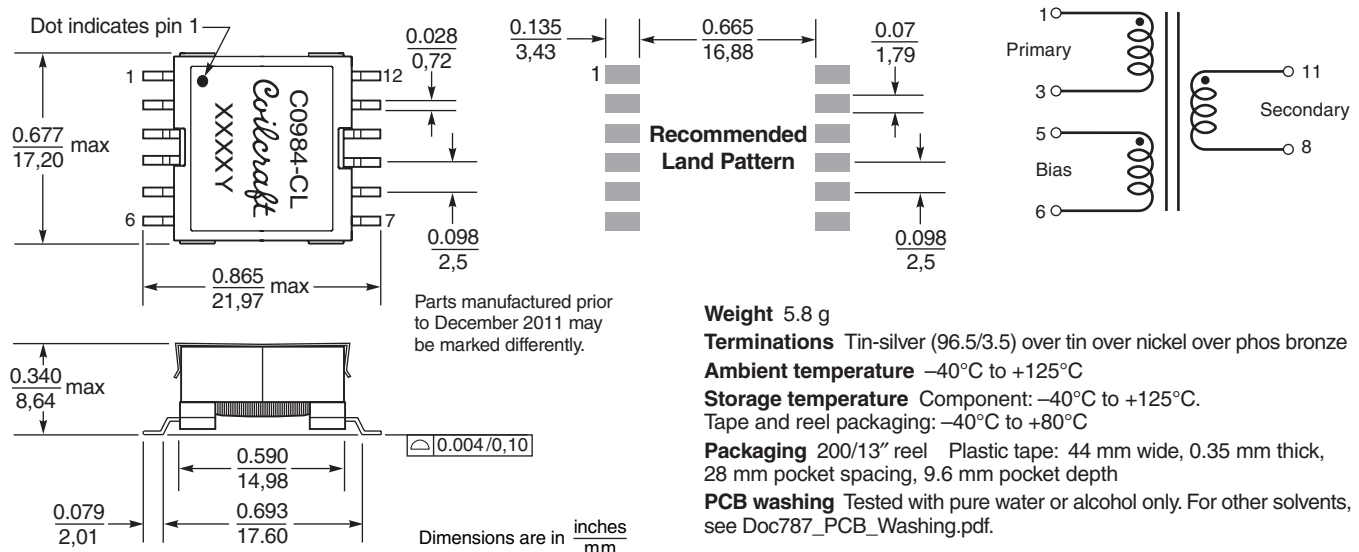
2. Inductance is for the primary, measured at 10 kHz, 0.1 Vrms, 0 Adc.

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.



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