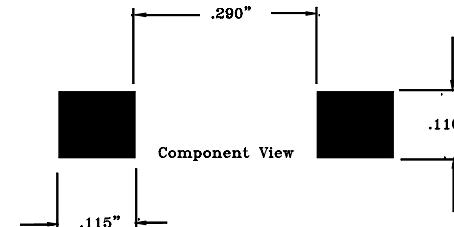
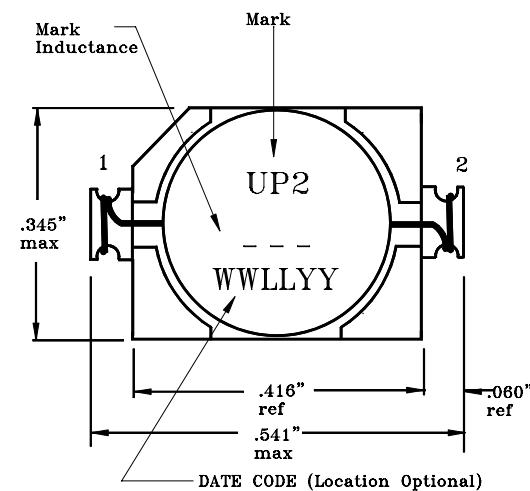
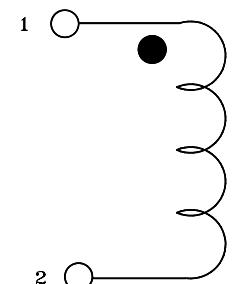


RECOMMENDED PCB PAD LAYOUT

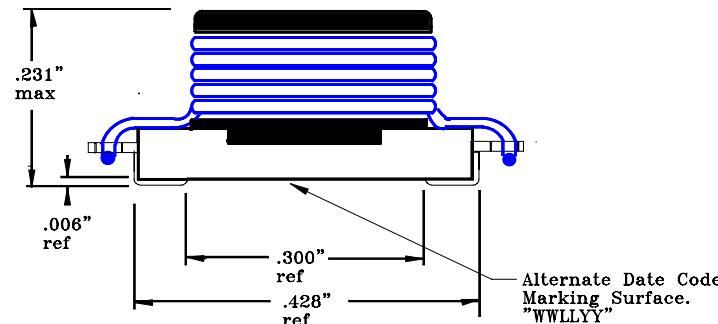
TOP VIEW



SCHEMATIC



FRONT VIEW



Notes:

- 1) Tolerances +/- .005" unless otherwise specified.
- 2) Stamping: Stamp unit on top of core as shown
- Line 1 UP2 ; line 2 Inductance (per family table chart).

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Cooper Electronic Technologies
3601 Quantum Boulevard, Boynton Beach FL. 33426

UnipAc 2 Data Sheet

SIZE	Drawing Number:	UP2 Inductor Line
A	Revision Level:	J

UniPac2 Family Table		Customer Information								
PN		Rated Inductance μ H	OCL nominal +/-20% μ H Note(1)		I rms Amperes Note(2)		I sat Amperes Note(3)		DCR ohms (Ω) maximum. @ 20°C.	
UP2-R47		.47	.595		10.1		11.4		.0049	
UP2-1R0		1.0	1.00		9.0		9.9		.0081	
UP2-1R5		1.5	1.46		8.1		7.9		.0103	
UP2-2R2		2.2	2.39		6.9		6.1		.0115	
UP2-3R3		3.3	3.3		6.5		5.1		.0138	
UP2-4R7		4.7	4.77		5.7		4.2		.0173	
UP2-6R8		6.8	6.63		5.0		3.6		.0230	
UP2-8R2		8.2	8.71		4.7		3.2		.0245	
UP2-100		10	9.73		4.3		3.3		.0299	
UP2-150		15	15.43		3.6		2.4		.0449	
UP2-220		22	22.50		2.9		2.0		.0644	
UP2-330		33	33.13		2.4		1.7		.0989	
UP2-470		47	48.65		1.9		1.4		.1461	
UP2-680		68	68.17		1.7		1.2		.1898	
UP2-820		82	85.60		1.5		1.0		.2473	
UP2-101		100	102.60		1.4		.95		.2772	
UP2-151		150	152.70		1.1		.78		.4244	
UP2-221		220	230.00		.93		.62		.6360	
UP2-331		330	338.00		.76		.51		.9775	
UP2-471		471	471.8		.55		.44		1.31	

Part number definition:

First 3 characters = Product code and size.

Last 3 characters = Inductance in μ H. R=decimal point.

If no R is present third character = # of zeros.

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Notes:

Cooper Electronic Technologies

(1) Test parameters: 0.250Vrms, 100KHz, and 0.0Adc.

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(2) Rms current for a ΔT of 40°C. at an ambient temperature of 85°C..

UniPac 2 Data Sheet

(3) Peak current for approximately a 10% rolloff.

(4) Units supplied in tape and reel (600 units per 13" reel) packaging. EIA481 compliant.

SIZE Drawing Number: **UP2 Inductor Line**

(5) OCL= Open circuit inductance .

A Revision Level: J

(6) Hipot: winding to core 300Vdc min.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Eaton:

[UP2-100-R](#) [UP2-4R7-R](#) [UP2-330-R](#) [UP2-R47-R](#) [UP2-220-R](#) [UP2-2R2-R](#) [UP2-1R0-R](#) [UP2-221-R](#) [UP2-1R5-R](#)
[UP2-151-R](#) [UP2-331-R](#) [UP2-680-R](#) [UP2-470-R](#) [UP2-820-R](#) [UP2-471-R](#) [UP2-8R2-R](#)