



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

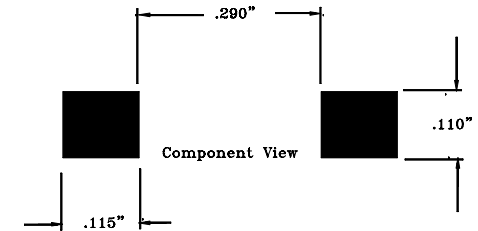
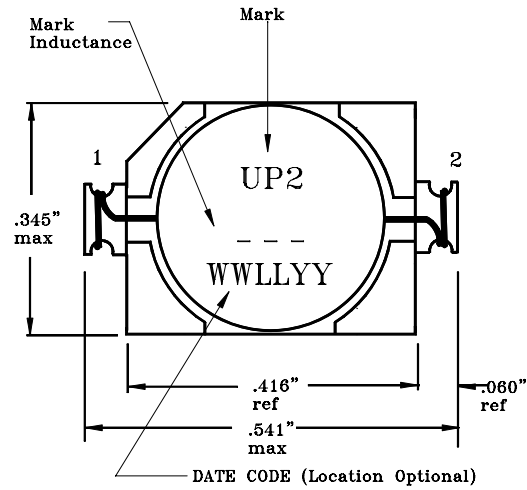
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

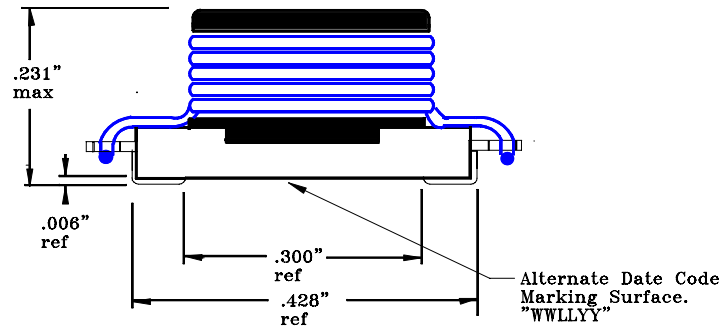


RECOMMENDED PCB PAD LAYOUT

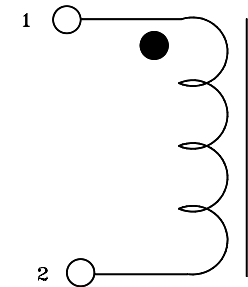
TOP VIEW



FRONT VIEW



SCHEMATIC



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 μH	OCL nominal +/-20% μH Note(1)		I rms Amperes Note(2)		Isat 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 μH. R=decimal point.

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

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Notes:

- (1) Test parameters: 0.250Vrms, 100KHz, and 0.0A dc.
- (2) Rms current for a ΔT of 40°C. at an ambient temperature of 85°C..
- (3) Peak current for approximateley a 10% rolloff.
- (4) Units supplied in tape and reel (600 units per 13" reel) packaging. EIA481 compliant.
- (5) OCL= Open circuit inductance .
- (6) Hipot: winding to core 300Vdc min.

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