



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!



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CUSTOMER INFORMATION

Part Number	Rated Inductance (µH)	OCL nominal (µH) @20°C	<u>Irms (A)</u> (note a)	<u>Isat (A-Peak) (note b)</u>	DCR milli-(Ω) max @ 20°C.	SRF typ (MHz)
UP5-1R0	1.0	1.0 +/- 20%	8.60	20.0	9	140
UP5-1R5	1.5	1.5 +/-20%	7.50	18	12	110
UP5-2R2	2.2	2.2 +/-20%	7.10	16	14	75
UP5-3R3	3.3	3.3 +/-20%	6.20	14	18	70
UP5-5R6	5.6	5.6+/-20%	5.30	12	20	45
UP5-100	10.0	10.0 +/-20%	4.30	10	31	21
UP5-150	15.0	15.0 +/-20%	4.00	8.0	36	16
UP5-220	22.0	22.0 +/-20%	3.50	7.0	47	13
UP5-330	33.0	33.0 +/-20%	3.00	5.5	66	11
UP5-470	47.0	47.0 +/-20%	2.60	4.5	86	9
UP5-680	68.0	68.0 +/-20%	2.30	3.5	130	6.5
UP5-101	100	100 +/-20%	1.80	3.0	190	5.7
UP5-151	150	150 +/-20%	1.50	2.6	250	4.5
UP5-221	220	220 +/-20%	1.20	2.4	380	3.7
UP5-331	330	330 +/-20%	1.00	1.9	560	3.0
UP5-471	470	470 +/-20%	0.82	1.4	850	2.7
UP5-681	680	680 +/-20%	0.72	1.2	1100	2.2
UP5-102	1000	1000 +/-20%	0.56	1.0	1800	2.0

Electrical Requirement Notes: 1) Test Frequency: 100KHz, 1.0V 2) DCR @ 20°C

General Specifications:

- a) Temp. Rise: 40°C typ at Irms
 - b) Inductance drop is approx. 10% at Isat.
 - c) Operating Temp: -25°C -- +105°C
 - d) Storage Temp.: -40°C~+125°C
 - e) Resistance to Solder Heat: 260°C for 10 secs.
- Parts available in Tape and Reel. 13" diameter reel : 350 parts per reel.

Cooper Electronic Technologies		
3601 Quantum Blvd, Boynton Beach, FL 33426		
Unipac 5 (UP5) Inductor Line		
SMD, 7.5mm max ht, Drum core/header		
SIZE	Drawing Number:	UP5 Inductor Line
A	Revision Level: X1	Sheet 2 of 4