

## CUSTOMER INFORMATION

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

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