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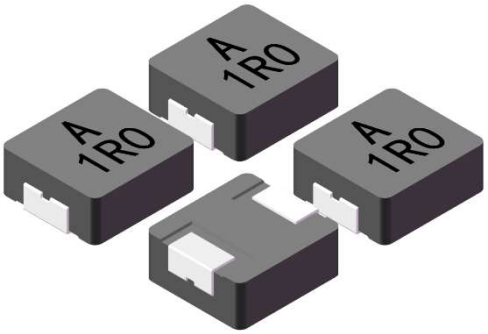
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UPIA 06 SERIES

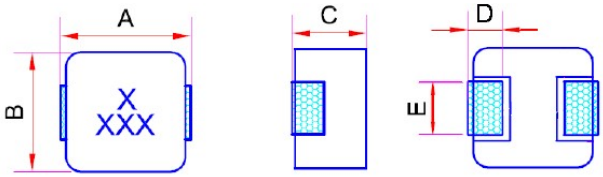
ULTRA HIGH CURRENT SMT POWER INDUCTOR.

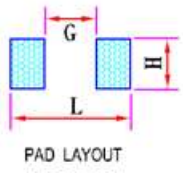


Applications :

- PDA/Notebook/Desktop, and server applications.
- DC/DC converters in distributed power systems.
- DC/DC converter for Field Programmable Gate Array(FPGA).

Shape and Dimensions (Dimensions are in mm) :





PAD LAYOUT

Item	A Max.	B Max.	C Max.	D	E	G	H	L
UPIAS0603	7.1±0.2	6.6±0.2	2.8±0.2	1.6±0.3	By each	3.7	3.5	8.0
UPIA0603	7.5±0.3	6.8±0.2	3.0±0.2	1.6±0.3	By each	3.7	3.5	8.0
UPIA0604	7.5±0.3	6.8±0.2	4.0±0.2	1.6±0.3	By each	3.7	3.5	8.0

Features :

- Low profile and low DCR.
- Shielded construction.
- handles high transient current spikes without saturation
- Ultra Low buzz noise, due to composite construction.
- Compliance with RoHS and Halogen Free

Product Identification :

UPIA S0603 – 2R2 M

(1) (2) (3) (4)

(1) Product Symbol.

(2) Dimensions Code，**S**- small Size

(3) Inductance: **2R2** for **2.2** uH.

(4) Inductance tolerance: **M**: ± 20%.

Characteristics :

- Saturation Current (Isat) : The current causes L_0 dropped approximately 30% typically.
- Temperature Rise Current(Irms) : The current causes the coil temperature rised approximately △T=40℃without core Loss.
- Operating Temperature : -55℃ to 125℃.

Measurement equipment

- L tested by Wayne kerr 3260B LCR meter with Wayne kerr 3265B bias current source.
- DCR tested by Milli-ohm meter.
- Electrical specifications at 25℃.

Handling and precautions :

- Please contact us before cleaning this product.

● UPIAS0603 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIAS0603-R10M	0.10	0.9	1.7	42.0	32.0	2.0
UPIAS0603-R15M	0.15	1.5	2.5	38.0	26.0	2.0
UPIAS0603-R20M	0.20	1.3	3.0	36.0	24.0	2.0
UPIAS0603-R47M	0.47	3.6	4.2	26.0	17.5	3.0
UPIAS0603-R56M	0.56	4.3	4.8	24.0	16.5	3.0
UPIAS0603-1R0M	1.0	7.8	10.0	16.0	11.0	3.0
UPIAS0603-1R5M	1.5	12.7	15.0	14.0	9.0	3.0
UPIAS0603-1R8M	1.8	14.0	20.0	12.0	8.0	3.0
UPIAS0603-2R2M	2.2	15.2	20.0	12.0	8.0	3.0
UPIAS0603-3R3M	3.3	23.1	30.0	10.0	6.0	3.0
UPIAS0603-4R7M	4.7	37.0	40.0	6.5	5.5	3.0
UPIAS0603-6R8M	6.8	52.0	60.0	6.0	4.5	3.0
UPIAS0603-8R2M	8.2	63.5	68.0	5.5	4.0	3.0
UPIAS0603-100M	10.0	78.0	105	5.0	3.0	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

Note 2: Test Condition: 100kHz, 0.25 Vrms.

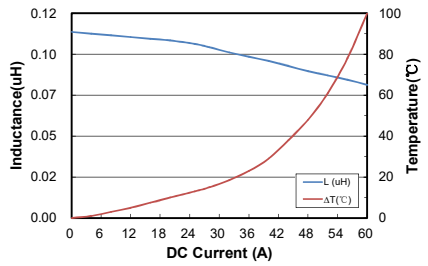
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

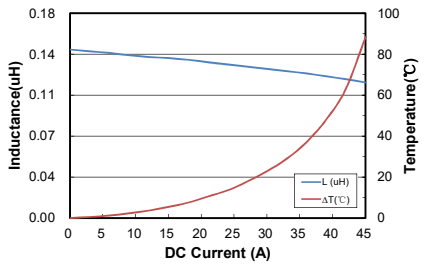
Note 4: Operating Temperature range includes self-temperature rise

Typical performance curves :

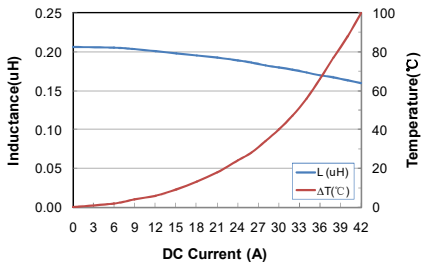
UPIAS0603-R10M



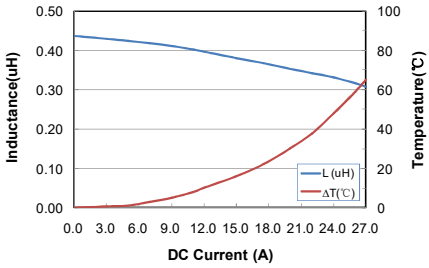
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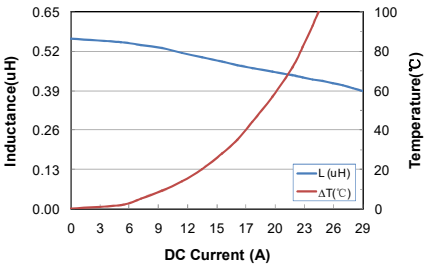
UPIAS0603-R20M



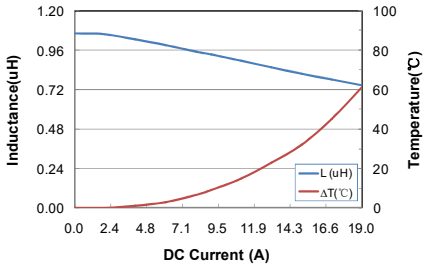
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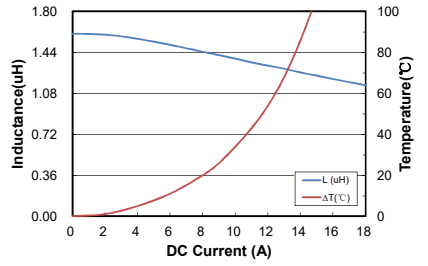
UPIAS0603-R56M



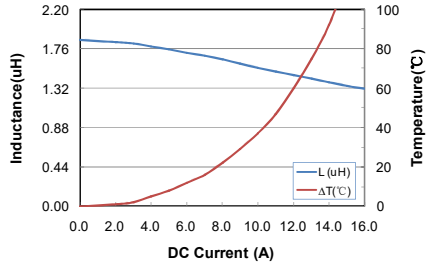
UPIAS0603-1R0M



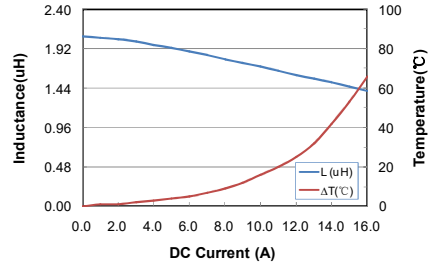
UPIAS0603-1R5M



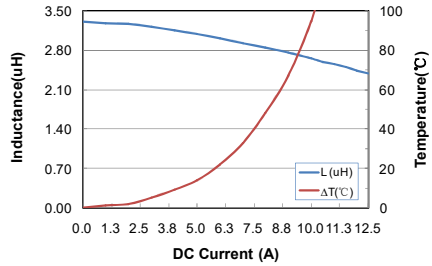
UPIAS0603-1R8M



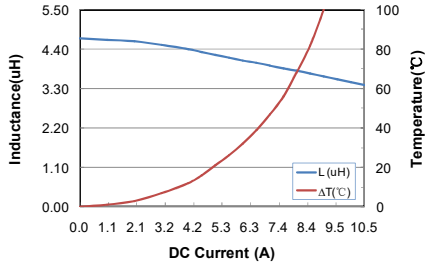
UPIAS0603-2R2M



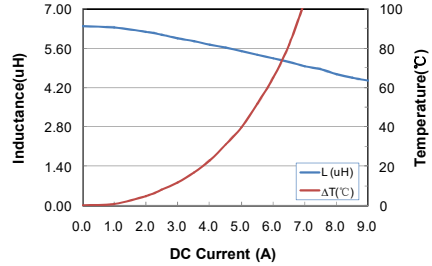
UPIAS0603-3R3M



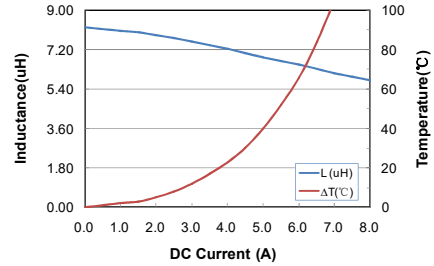
UPIAS0603-4R7M



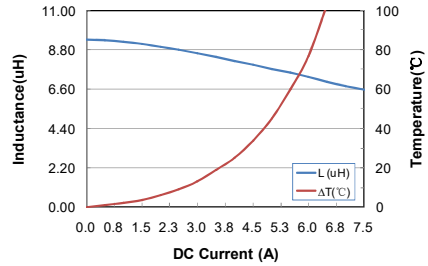
UPIAS0603-6R8M



UPIAS0603-8R2M



UPIAS0603-100M



UPIA0603 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIA0603-R10M	0.10	1.0	1.7	42.0	32.5	2.0
UPIA0603-R15M	0.15	1.4	2.5	38.0	26.0	2.0
UPIA0603-R20M	0.20	1.4	3.0	36.0	24.0	2.0
UPIA0603-R22M	0.22	2.3	2.8	36.0	23.0	2.0
UPIA0603-R33M	0.33	2.8	3.9	30.0	20.0	3.0
UPIA0603-R47M	0.47	3.6	4.2	26.0	17.5	3.0
UPIA0603-R56M	0.56	4.5	4.8	24.0	16.5	3.0
UPIA0603-R68M	0.68	5.0	5.5	23.0	15.5	3.0
UPIA0603-R82M	0.82	7.5	8.0	20.0	13.0	3.0
UPIA0603-1R0M	1.0	7.8	10.0	16.0	11.0	3.0
UPIA0603-1R5M	1.5	10.9	15.0	14.0	9.0	3.0
UPIA0603-1R8M	1.8	12.9	18.0	12.0	8.0	3.0
UPIA0603-2R2M	2.2	17.1	20.0	12.0	8.0	3.0
UPIA0603-3R3M	3.3	26.5	30.0	10.0	6.0	3.0
UPIA0603-4R7M	4.7	37.6	40.0	6.5	5.5	3.0
UPIA0603-5R6M	5.6	46.0	50.0	6.0	5.0	3.0
UPIA0603-6R8M	6.8	50.5	60.0	6.0	4.5	3.0
UPIA0603-8R2M	8.2	62.5	68.0	5.5	4.0	3.0
UPIA0603-100M	10.0	101	105	5.0	3.0	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

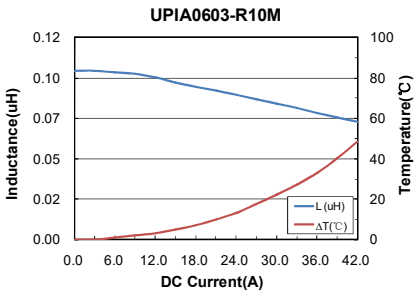
Note 2: Test Condition: 100kHz, 0.25 Vrms.

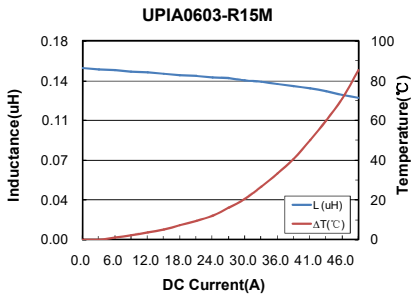
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

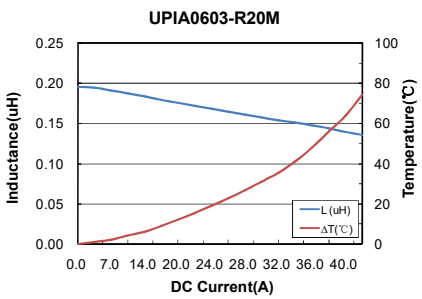
Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

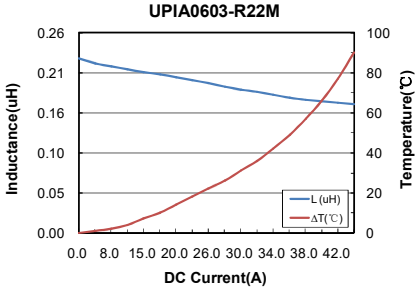
Note 4: Operating Temperature range includes self-temperature rise

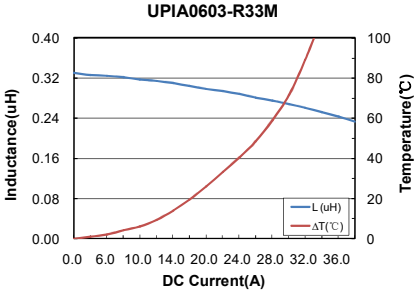
Typical performance curves :

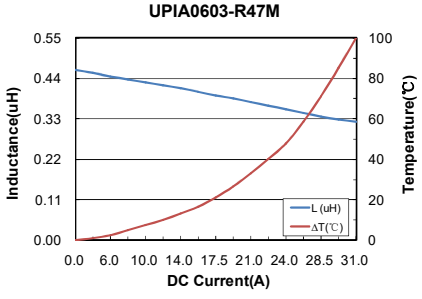




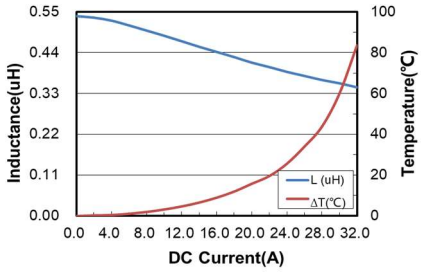




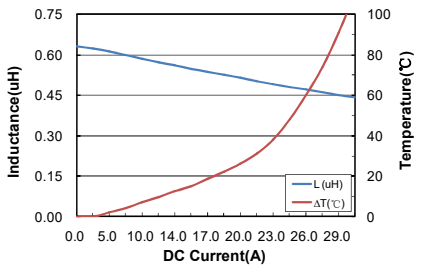




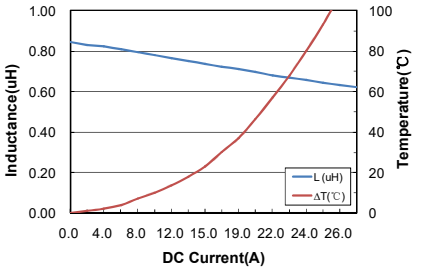
UPIA0603-R56M



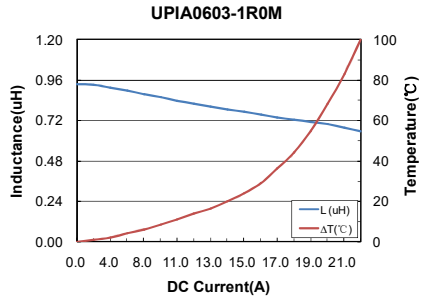
UPIA0603-R68M



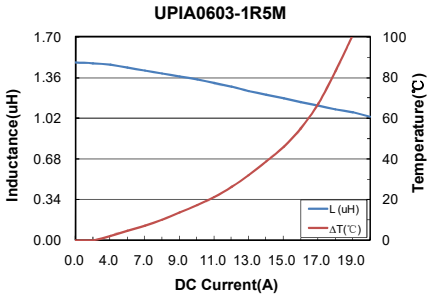
UPIA0603-R82M



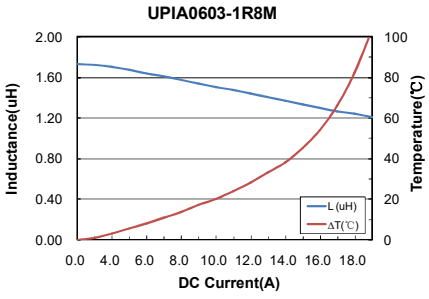
UPIA0603-1R0M



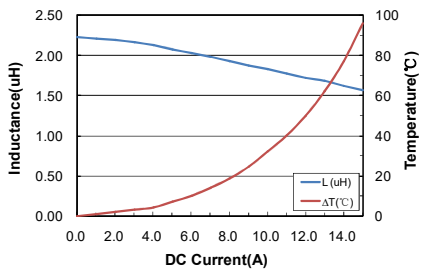
UPIA0603-1R5M



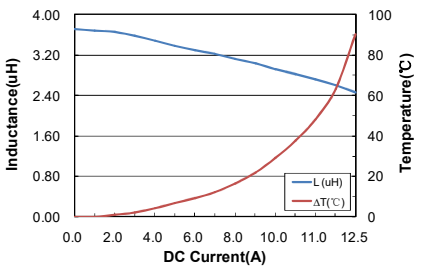
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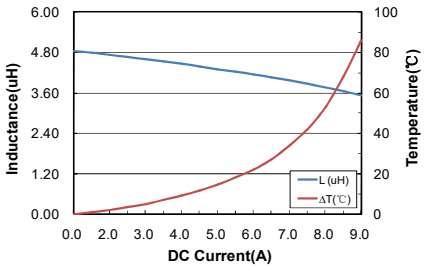
UPIA0603-2R2M



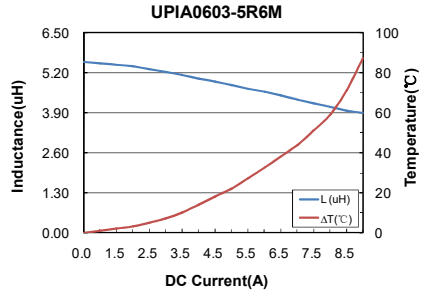
UPIA0603-3R3M



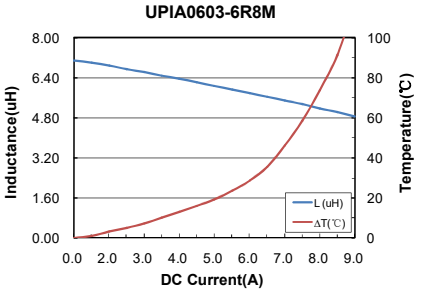
UPIA0603-4R7M



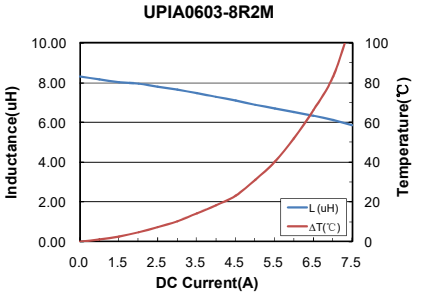
UPIA0603-5R6M



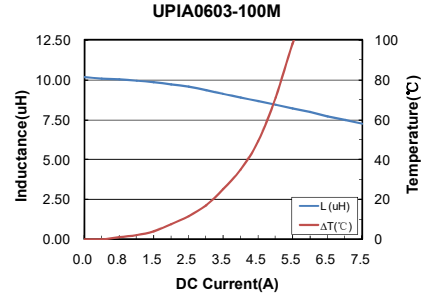
UPIA0603-6R8M



UPIA0603-8R2M



UPIA0603-100M



● UPIA0604 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIA0604-R33M	0.33	1.9	2.1	32.0	25.0	2.0
UPIA0604-R47M	0.47	2.22	2.5	30.0	20.0	2.0
UPIA0604-R56M	0.56	2.8	3.0	29.0	19.0	2.0
UPIA0604-R68M	0.68	3.3	3.8	28.0	17.0	2.0
UPIA0604-R82M	0.82	4.85	5.2	24.0	16.0	3.0
UPIA0604-1R0M	1.0	5.3	5.8	20.0	15.0	3.0
UPIA0604-1R2M	1.2	7.2	7.6	19.0	15.0	3.0
UPIA0604-1R5M	1.5	7.8	8.4	18.0	14.0	3.0
UPIA0604-1R8M	1.8	8.5	8.8	15.0	13.0	3.0
UPIA0604-2R2M	2.2	11.2	16.0	14.0	12.0	3.0
UPIA0604-3R3M	3.3	16.6	18.0	13.0	10.0	3.0
UPIA0604-4R7M	4.7	20.2	21.0	9.0	7.0	3.0
UPIA0604-5R6M	5.6	28.7	30.0	7.0	5.5	3.0
UPIA0604-6R8M	6.8	28.7	30.0	7.0	5.5	3.0
UPIA0604-8R2M	8.2	33.5	36.0	6.5	4.5	3.0
UPIA0604-100M	10.0	53.1	60.0	5.0	4.5	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

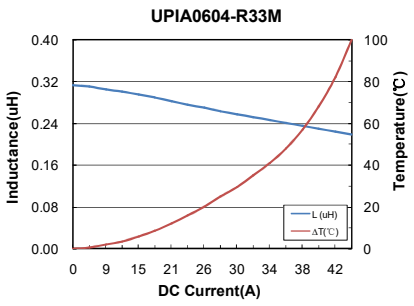
Note 2: Test Condition: 100kHz, 0.25 Vrms.

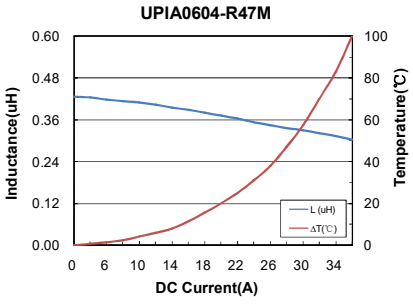
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

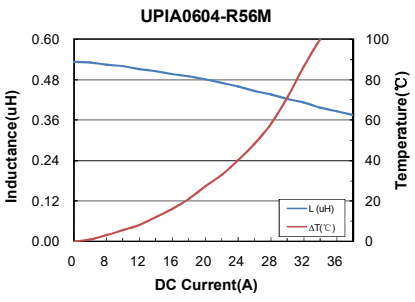
Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

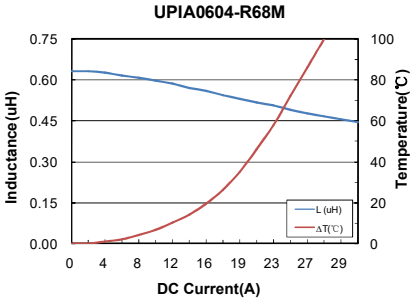
Note 4: Operating Temperature range includes self-temperature rise

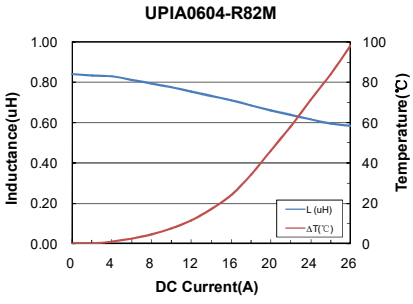
Typical performance curves :

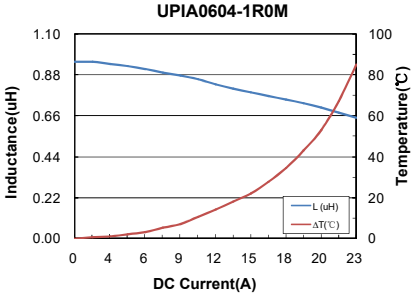




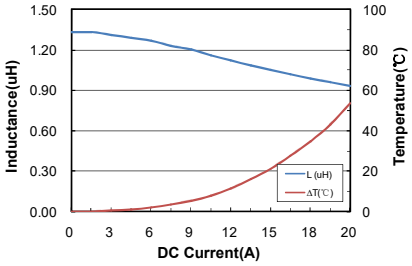




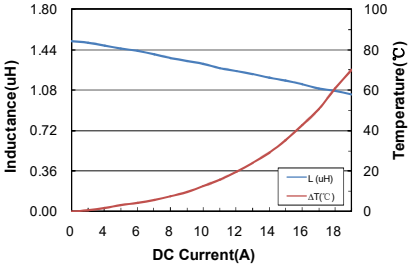




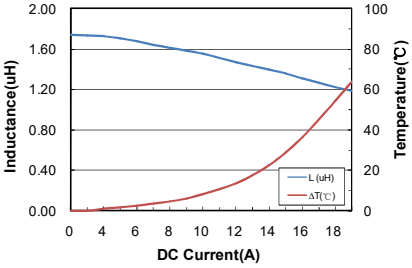
UPIA0604-1R2M



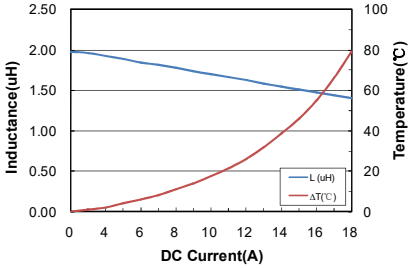
UPIA0604-1R5M



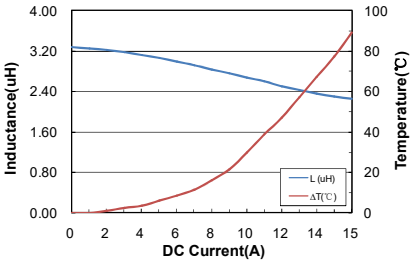
UPIA0604-1R8M



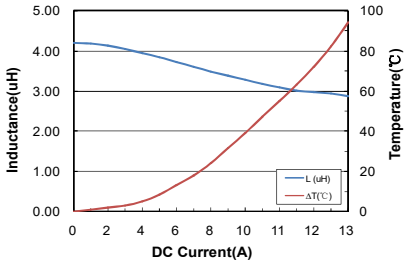
UPIA0604-2R2M



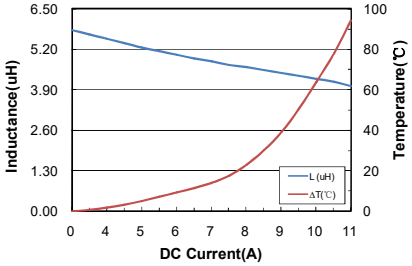
UPIA0604-3R3M



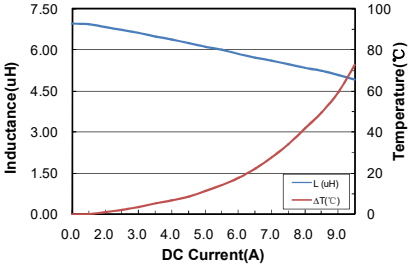
UPIA0604-4R7M



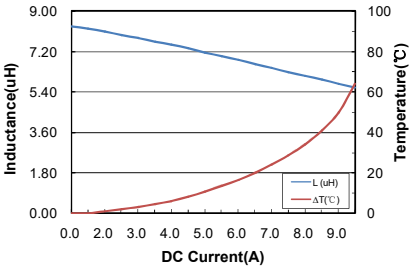
UPIA0604-5R6M



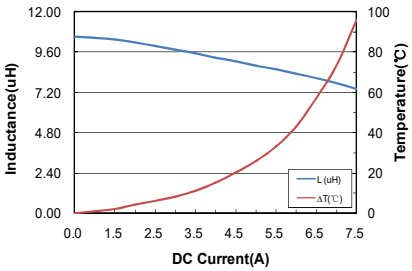
UPIA0604-6R8M



UPIA0604-8R2M



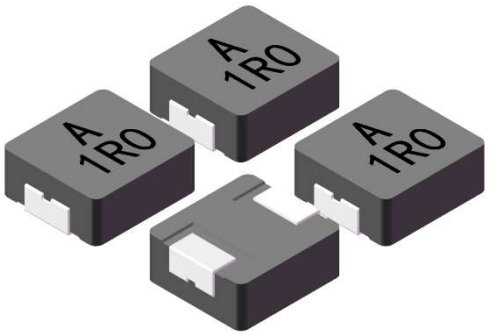
UPIA0604-100M



* Due to the limited space, the catalogue shows the typical specifications only. For more specific details (characteristics graph, reliability, and others), kindly invite you to access 3L official website www.3lcoil.com for better known.

UPIA10 SERIES

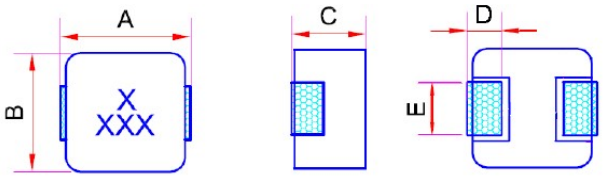
ULTRA HIGH CURRENT SMT POWER INDUCTOR.

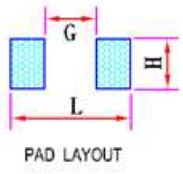


Applications :

- PDA/Notebook/Desktop, and server applications.
- DC/DC converters in distributed power systems.
- DC/DC converter for Field Programmable Gate Array(FPGA).

Shape and Dimensions (Dimensions are in mm) :





Item	A Max.	B Max.	C Max.	D	E	G	H	L
UPIA1004	11.0±0.5	10.0±0.3	4.0±0.2	2.3±0.3	3.0±0.5	5.4	4.5	12.4
UPIA1005	11.0±0.5	10.0±0.3	4.8±0.2	2.3±0.3	3.0±0.5	5.4	4.5	12.4

Features :

- Low profile and low DCR.
- Shielded construction.
- handles high transient current spikes without saturation
- Ultra Low buzz noise, due to composite construction.
- Compliance with RoHS and Halogen Free

Product Identification :

UPIA 1004 – 2R2 M

(1) (2) (3) (4)

(1) Product Symbol

(2) Dimensions Code

(3) Inductance: **2R2** for **2.2** uH.

(4) Inductance tolerance: **M**: ± 20%.

Characteristics :

- Saturation Current (Isat) : The current causes L_0 dropped approximately 30% typically.
- Temperature Rise Current(Irms) : The current causes the coil temperature rised approximately △T=40℃without core Loss.
- Operating Temperature : -55℃ to 125℃.

Measurement equipment

- L tested by Wayne kerr 3260B LCR meter with Wayne kerr 3265B bias current source.
- DCR tested by Milli-ohm meter.
- Electrical specifications at 25℃.

Handling and precautions :

- Please contact us before cleaning this product.

● UPIA1004 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIA1004-R30M	0.30	1.0	1.4	40.0	28.0	3.0
UPIA1004-R36M	0.36	1.0	1.4	40.0	28.0	3.0
UPIA1004-R47M	0.47	1.4	1.6	38.0	26.0	3.0
UPIA1004-R56M	0.56	1.5	1.9	36.0	25.0	3.0
UPIA1004-R68M	0.68	1.7	2.4	32.0	23.0	3.0
UPIA1004-R88M	0.88	2.4	3.0	30.0	21.0	3.0
UPIA1004-1R0M	1.0	2.7	3.5	28.0	20.0	3.0
UPIA1004-1R5M	1.5	7.1	7.5	20.0	12.0	3.0
UPIA1004-2R2M	2.2	7.5	8.56	16.5	11.5	3.0
UPIA1004-3R3M	3.3	9.7	11.8	14.0	10.0	3.0
UPIA1004-4R7M	4.7	12.5	13.5	13.0	8.0	3.0
UPIA1004-5R6M	5.6	15.5	16.0	12.0	7.0	3.0
UPIA1004-6R8M	6.8	21.3	24.0	9.50	7.0	3.0
UPIA1004-8R2M	8.2	29.1	32.5	8.00	5.0	3.0
UPIA1004-100M	10.0	31.5	35.0	7.00	5.0	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

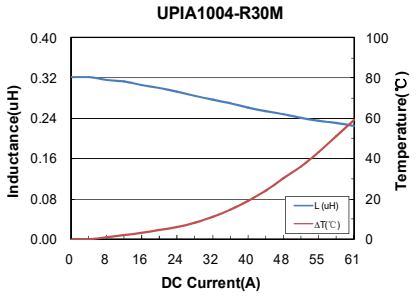
Note 2: Test Condition: 100kHz, 0.25 Vrms.

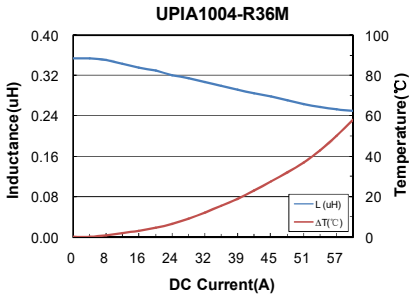
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

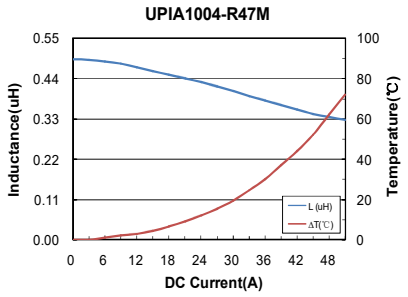
Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

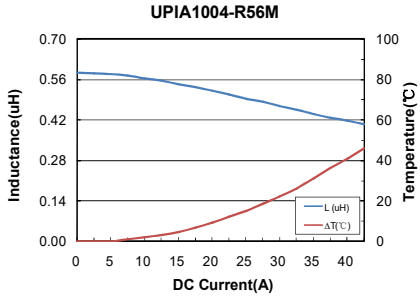
Note 4: Operating Temperature range includes self-temperature rise

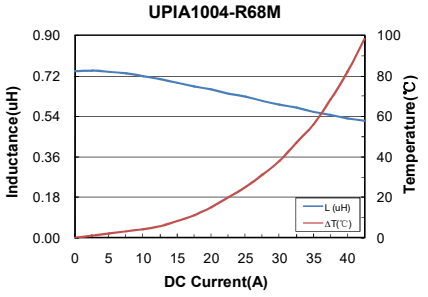
Typical performance curves :

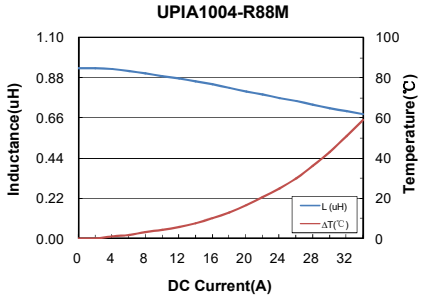




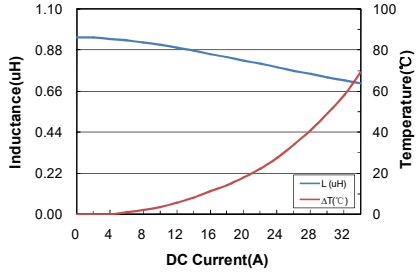




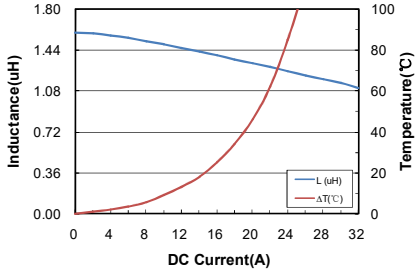




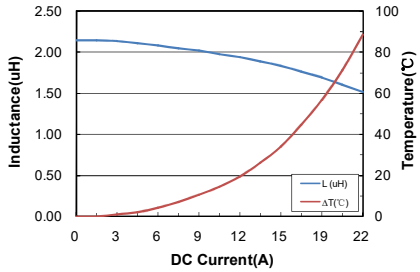
UPIA1004-1R0M



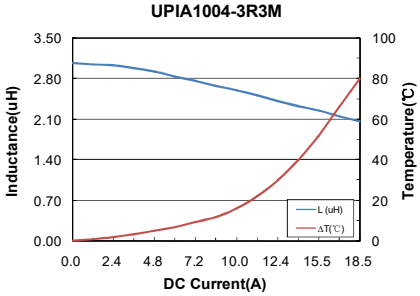
UPIA1004-1R5M



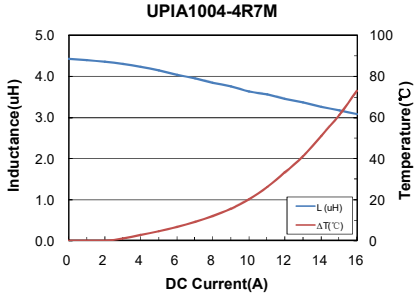
UPIA1004-2R2M



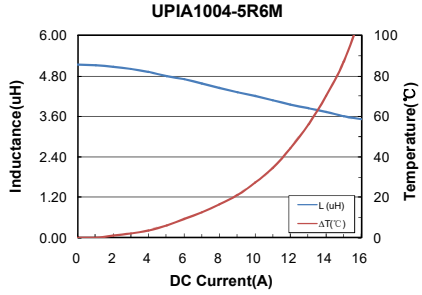
UPIA1004-3R3M



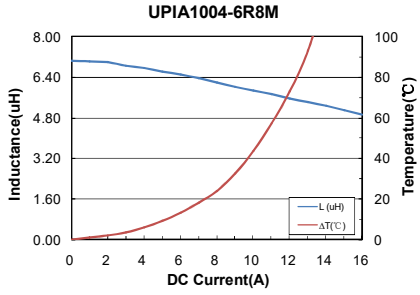
UPIA1004-4R7M



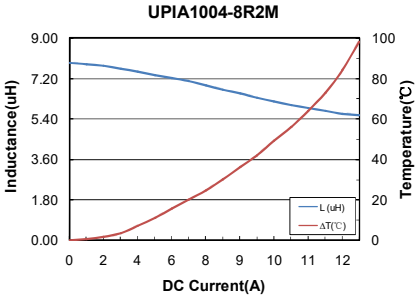
UPIA1004-5R6M



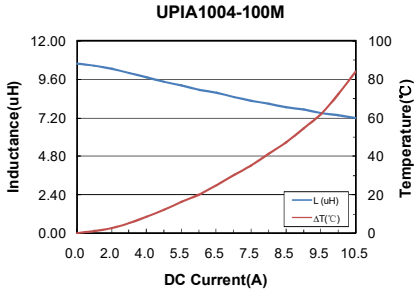
UPIA1004-6R8M



UPIA1004-8R2M



UPIA1004-100M



UPIA1005 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIA1005-R36M	0.36	0.7	0.92	40.0	35.0	3.0
UPIA1005-R47M	0.47	0.92	1.04	38.0	32.0	3.0
UPIA1005-R56M	0.56	1.1	1.21	36.0	30.0	3.0
UPIA1005-R60M	0.60	1.25	1.5	32.0	29.2	3.0
UPIA1005-R68M	0.68	1.35	1.5	32.0	29.2	3.0
UPIA1005-R82M	0.82	1.55	1.86	30.0	26.0	3.0
UPIA1005-1R0M	1.0	2.1	2.53	28.0	24.0	3.0
UPIA1005-1R5M	1.5	2.7	3.02	22.0	20.0	3.0
UPIA1005-1R8M	1.8	3.5	4.03	20.0	18.0	3.0
UPIA1005-2R2M	2.2	4.1	4.6	20.0	17.0	3.0
UPIA1005-2R7M	2.7	7.3	8.5	18.0	14.0	3.0
UPIA1005-3R3M	3.3	8.2	10.0	15.0	12.0	3.0
UPIA1005-4R7M	4.7	9.2	12.0	13.0	10.0	3.0
UPIA1005-5R6M	5.6	14.3	16.0	12.0	9.0	3.0
UPIA1005-6R8M	6.8	16.0	20.0	10.0	8.0	3.0
UPIA1005-8R2M	8.2	22.4	24.0	9.0	7.5	3.0
UPIA1005-100M	10.0	24.7	28.0	8.0	7.0	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

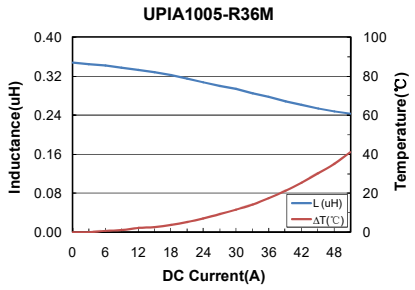
Note 2: Test Condition: 100kHz, 0.25 Vrms.

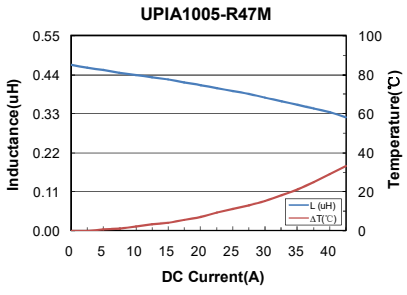
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

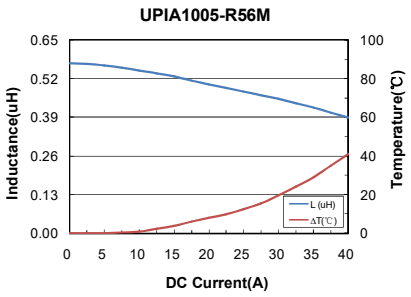
Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

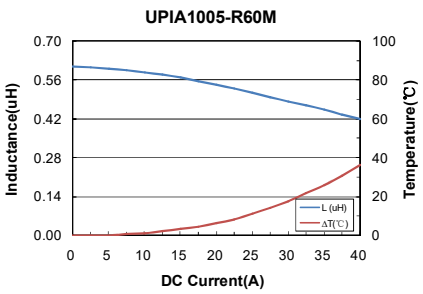
Note 4: Operating Temperature range includes self-temperature rise

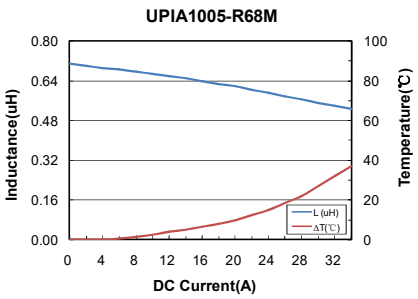
Typical performance curves :

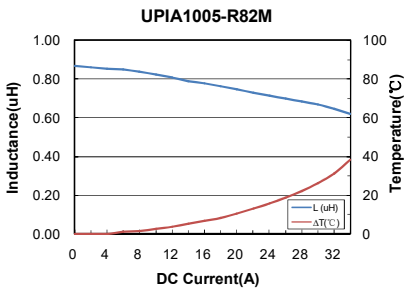




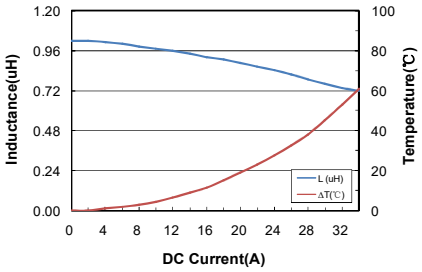




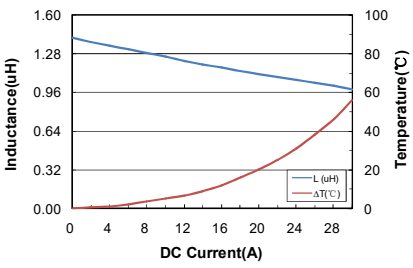




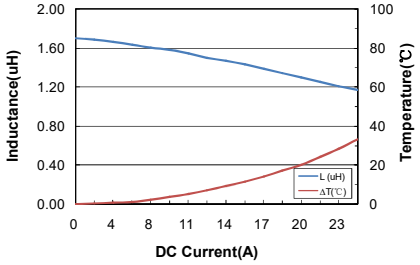
UPIA1005-1R0M



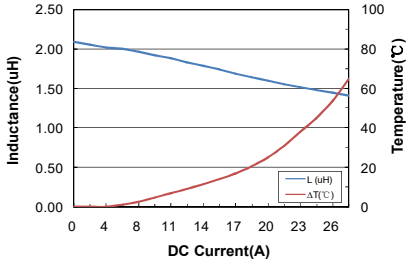
UPIA1005-1R5M



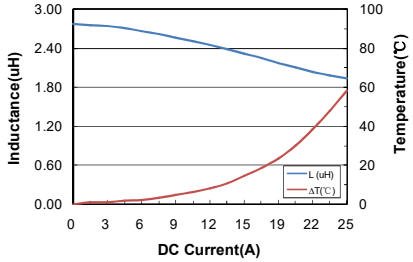
UPIA1005-1R8M



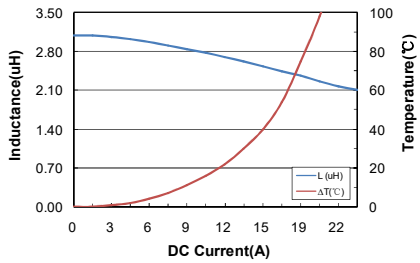
UPIA1005-2R2M



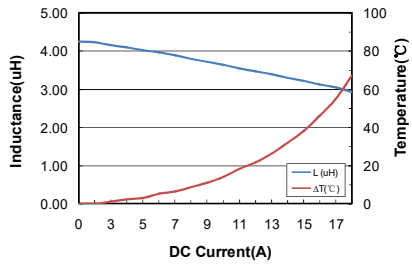
UPIA1005-2R7M



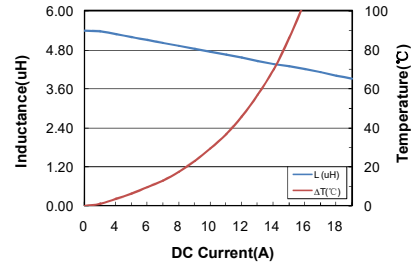
UPIA1005-3R3M



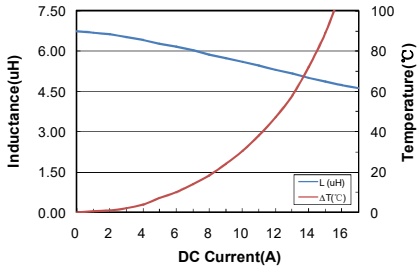
UPIA1005-4R7M



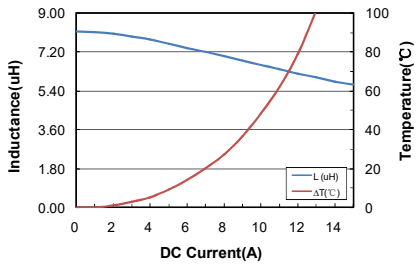
UPIA1005-5R6M



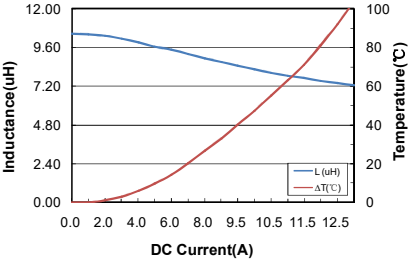
UPIA1005-6R8M



UPIA1005-8R2M



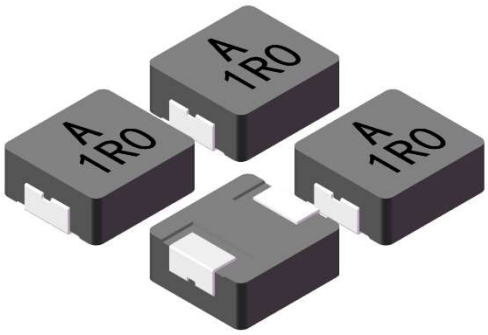
UPIA1005-100M



* Due to the limited space, the catalogue shows the typical specifications only. For more specific details (characteristics graph, reliability, and others), kindly invite you to access 3L official website www.3lcoil.com for better known.

UPIA12 SERIES

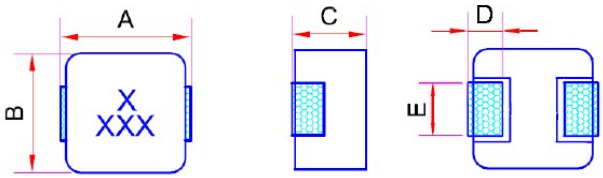
ULTRA HIGH CURRENT SMT POWER INDUCTOR.

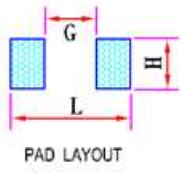


Applications :

- PDA/Notebook/Desktop, and server applications.
- DC/DC converters in distributed power systems.
- DC/DC converter for Field Programmable Gate Array(FPGA).

Shape and Dimensions (Dimensions are in mm) :





Item	A Max.	B Max.	C Max.	D	E	G	H	L
UPIA1203	13.4±0.5	12.6±0.3	3.5±0.2	2.3±0.3	3.0±0.5	8.0	5.0	14.5
UPIA1205	13.4±0.5	12.6±0.3	5.0±0.2	2.3±0.3	3.0±0.5	8.0	5.0	14.5
UPIA1207	13.4±0.5	12.6±0.3	6.8±0.2	2.3±0.3	3.0±0.5	8.0	5.0	14.5

Features :

- Low profile and low DCR.
- Shielded construction.
- handles high transient current spikes without saturation
- Ultra Low buzz noise, due to composite construction.
- Compliance with RoHS and Halogen Free

Product Identification :

UPIA 1203– 2R2 M

(1) (2) (3) (4)

(1) Product Symbol

(2) Dimensions Code

(3) Inductance: **2R2** for **2.2** uH.

(4) Inductance tolerance: **M**: ± 20%.

Characteristics :

- Saturation Current (Isat) : The current causes L_0 dropped approximately 30% typically.
- Temperature Rise Current(Irms) : The current causes the coil temperature rised approximately △T=40℃without core Loss.
- Operating Temperature : -55℃ to 125℃.

Measurement equipment

- L tested by Wayne kerr 3260B LCR meter with Wayne kerr 3265B bias current source.
- DCR tested by Milli-ohm meter.
- Electrical specifications at 25℃.

Handling and precautions :

- Please contact us before cleaning this product.

● UPIA1203 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIA1203-R10M	0.10	0.6	0.96	56.0	43.0	3.0
UPIA1203-R15M	0.15	0.9	1.2	50.0	41.0	3.0
UPIA1203-R22M	0.22	0.82	1.3	50.0	38.5	3.0
UPIA1203-R33M	0.33	1.25	1.5	50.0	36.5	3.0
UPIA1203-R47M	0.47	1.3	2.0	44.0	32.0	3.0
UPIA1203-R60M	0.60	2.2	2.5	42.0	29.0	3.0
UPIA1203-R68M	0.68	2.45	2.5	40.0	28.0	3.0
UPIA1203-R82M	0.82	2.3	3.0	38.0	25.0	3.0
UPIA1203-1R0M	1.0	3.2	3.5	36.0	24.0	3.0
UPIA1203-1R5M	1.5	5.1	5.5	28.0	19.0	3.0
UPIA1203-1R8M	1.8	5.7	7.0	24.0	16.5	3.0
UPIA1203-2R2M	2.2	6.7	8.0	20.0	16.0	3.0
UPIA1203-3R3M	3.3	9.7	12.0	18.0	12.0	3.0
UPIA1203-4R7M	4.7	14.0	15.0	16.0	10.0	3.0
UPIA1203-5R6M	5.6	16.7	18.0	14.0	9.5	3.0
UPIA1203-6R8M	6.8	17.5	22.0	13.0	9.0	3.0
UPIA1203-8R2M	8.2	25.5	28.0	11.0	8.0	3.0
UPIA1203-100M	10.0	33.7	35.0	10.0	7.0	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

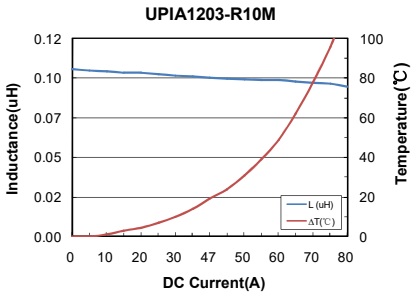
Note 2: Test Condition: 100kHz, 0.25 Vrms.

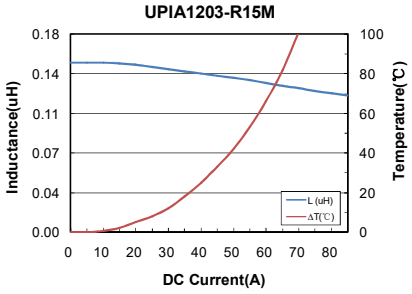
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

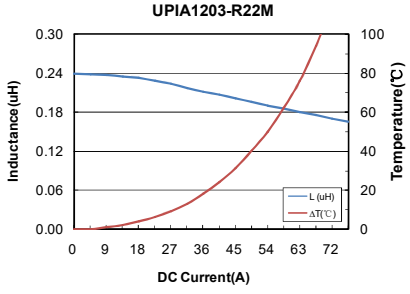
Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

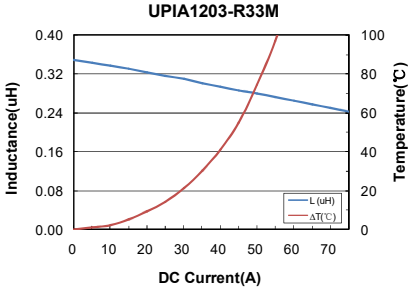
Note 4: Operating Temperature range includes self-temperature rise

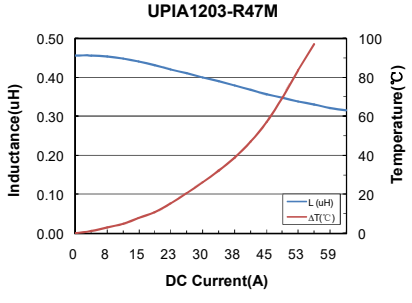
Typical performance curves :

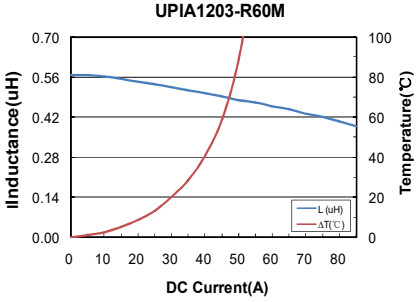




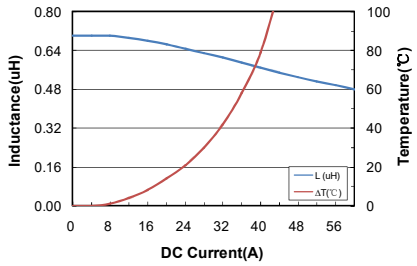




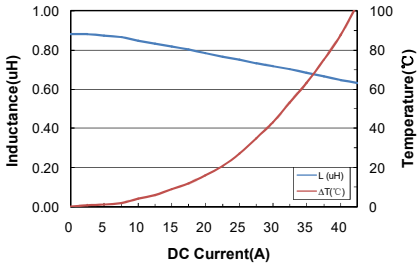




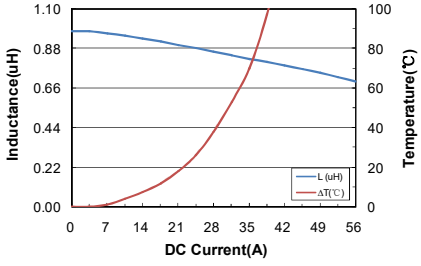
UPIA1203-R68M



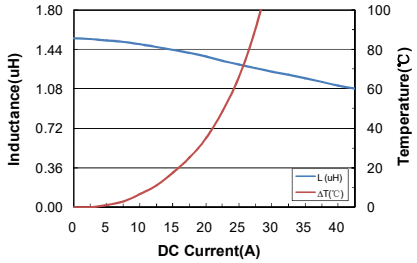
UPIA1203-R82M



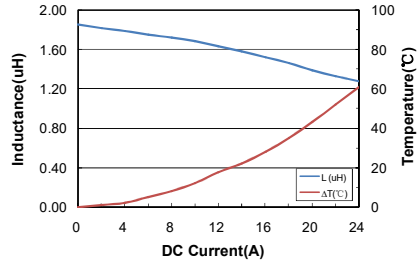
UPIA1203-1R0M



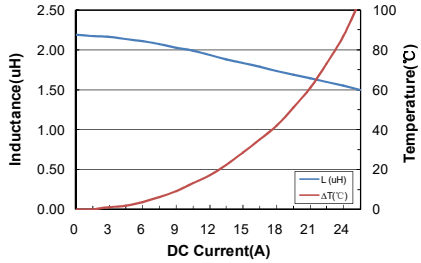
UPIA1203-1R5M



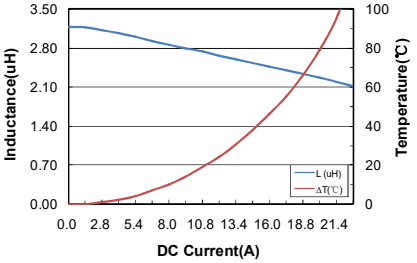
UPIA1203-1R8M



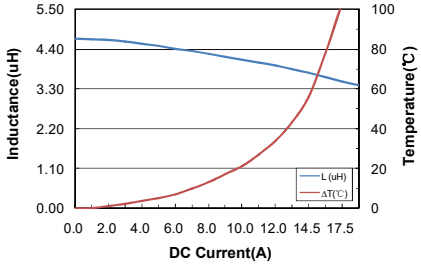
UPIA1203-2R2M



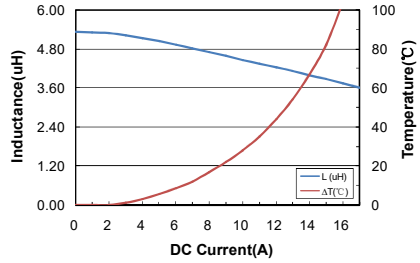
UPIA1203-3R3M



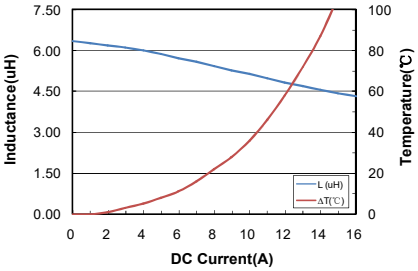
UPIA1203-4R7M



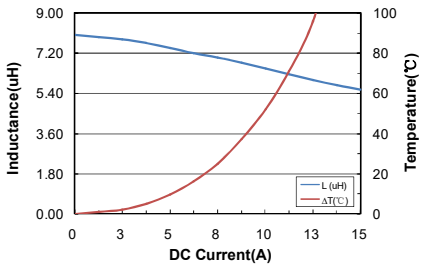
UPIA1203-5R6M



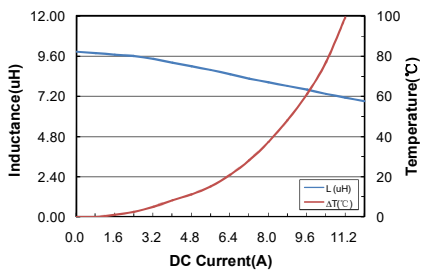
UPIA1203-6R8M



UPIA1203-8R2M



UPIA1203-100M



● UPIA1205 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIA1205-R36M	0.36	1.0	1.1	75.0	41.0	3.0
UPIA1205-R47M	0.47	1.1	1.3	65.0	38.0	3.0
UPIA1205-R50M	0.50	1.1	1.5	55.0	36.0	3.0
UPIA1205-R56M	0.56	1.4	1.5	55.0	36.0	3.0
UPIA1205-R68M	0.68	1.4	1.7	54.0	34.0	3.0
UPIA1205-R82M	0.82	2.1	2.3	53.0	31.0	3.0
UPIA1205-1R0M	1.0	2.2	2.5	50.0	29.0	3.0
UPIA1205-1R2M	1.2	2.2	2.5	46.0	25.0	3.0
UPIA1205-1R5M	1.5	3.5	4.1	48.0	23.0	3.0
UPIA1205-2R2M	2.2	4.4	5.5	32.0	20.0	3.0
UPIA1205-2R7M	2.7	7.2	8.2	32.0	18.0	3.0
UPIA1205-3R3M	3.3	7.8	9.2	32.0	15.0	3.0
UPIA1205-4R7M	4.7	13.7	15.0	27.0	12.0	3.0
UPIA1205-5R6M	5.6	14.2	16.5	22.0	11.5	3.0
UPIA1205-6R8M	6.8	17.2	18.5	21.0	11.0	3.0
UPIA1205-7R8M	7.8	17.2	20.5	18.0	10.0	3.0
UPIA1205-8R2M	8.2	17.5	22.5	12.0	8.50	3.0
UPIA1205-100M	10.0	21.5	25.5	9.5	7.0	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

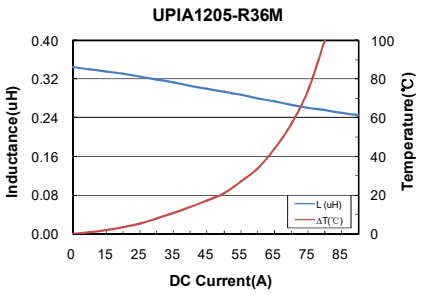
Note 2: Test Condition: 100kHz, 0.25 Vrms.

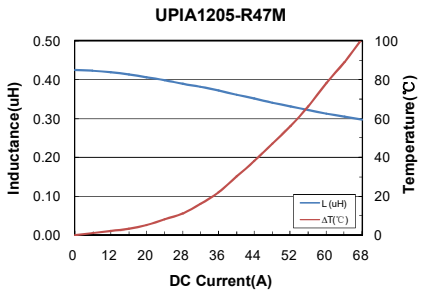
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

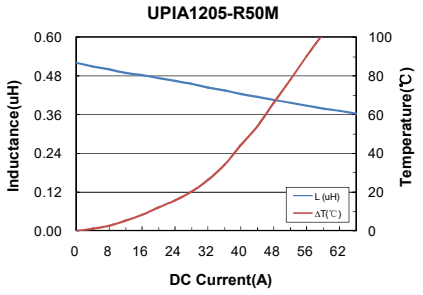
Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

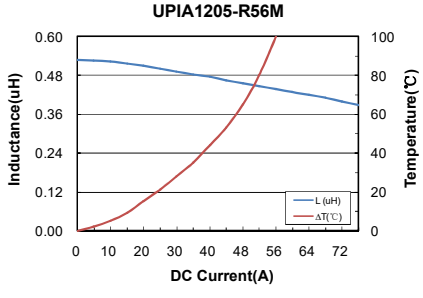
Note 4: Operating Temperature range includes self-temperature rise

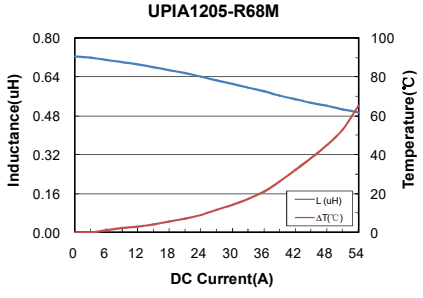
Typical performance curves :

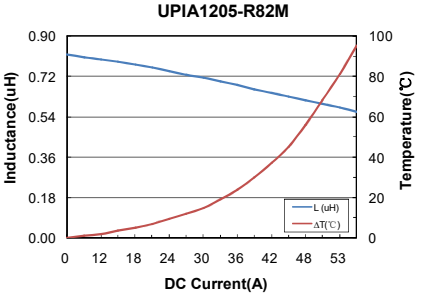




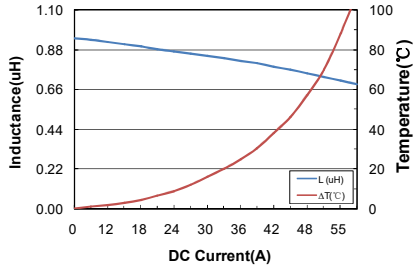




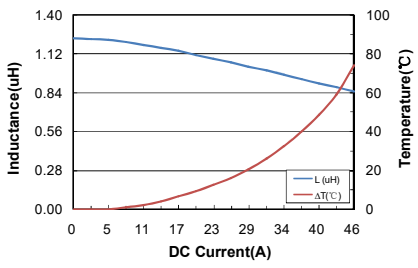




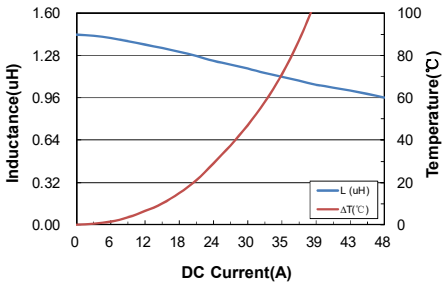
UPIA1205-1R0M



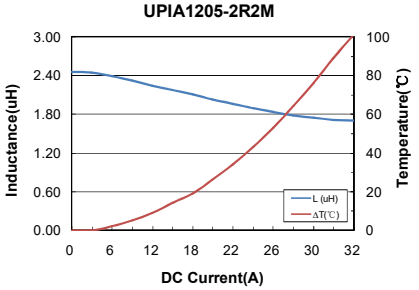
UPIA1205-1R2M



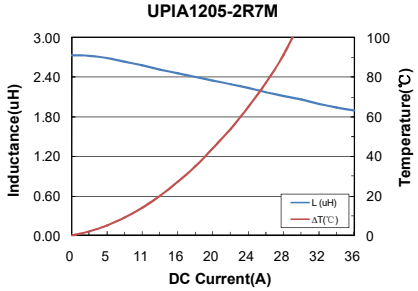
UPIA1205-1R5M



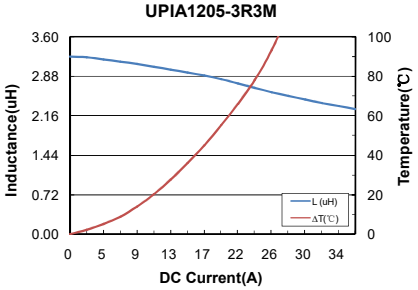
UPIA1205-2R2M



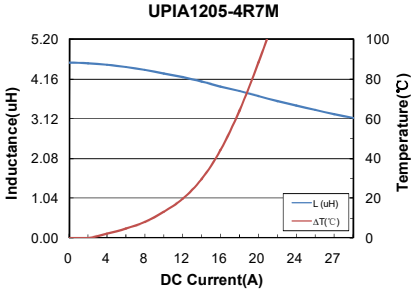
UPIA1205-2R7M



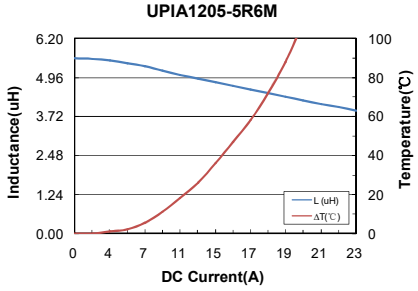
UPIA1205-3R3M



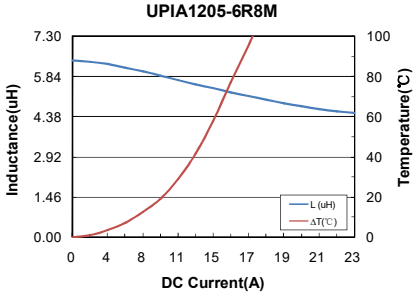
UPIA1205-4R7M



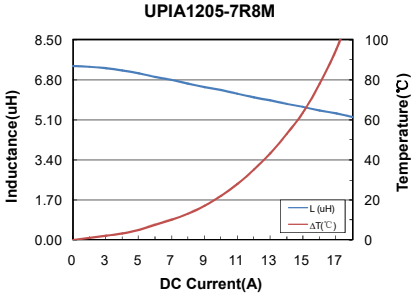
UPIA1205-5R6M



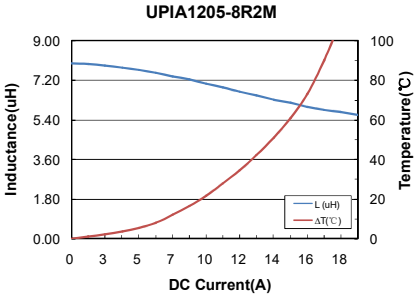
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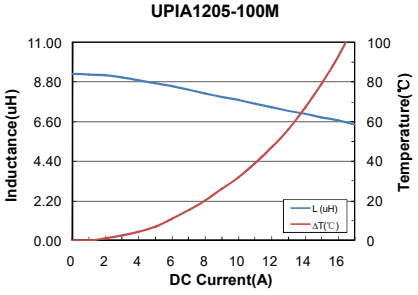
UPIA1205-7R8M



UPIA1205-8R2M



UPIA1205-100M



● UPIA1207 Series

Part No.	Inductance L(uH)	DCR（mΩ）		Isat(A) Typ.	Irms(A) Typ.	E mm ±0.5
		Typ.	Max.			
UPIA1207-R33M	0.33	0.8	0.9	65.0	46.0	3.0
UPIA1207-R47M	0.47	1.0	1.2	63.0	41.0	3.0
UPIA1207-R56M	0.56	1.2	1.4	62.0	37.0	3.0
UPIA1207-R68M	0.68	1.45	1.6	60.0	35.0	3.0
UPIA1207-R82M	0.82	1.75	1.9	50.0	33.0	3.0
UPIA1207-1R0M	1.0	1.85	2.0	50.0	32.0	3.0
UPIA1207-1R5M	1.5	2.6	3.0	45.0	27.0	3.0
UPIA1207-2R2M	2.2	3.7	4.2	40.0	22.0	3.0
UPIA1207-3R3M	3.3	6.2	6.8	35.0	18.0	3.0
UPIA1207-4R7M	4.7	7.4	10.0	30.0	15.0	3.0
UPIA1207-5R6M	5.6	9.7	11.2	26.5	13.5	3.0
UPIA1207-6R8M	6.8	7.4	14.0	17.0	12.0	3.0
UPIA1207-8R2M	8.2	13.4	15.5	16.0	10.5	3.0
UPIA1207-100M	10.0	13.2	16.8	15.5	10.0	3.0

If you require another part number please contact with us.

Note 1: Referenced ambient temperature 25℃.

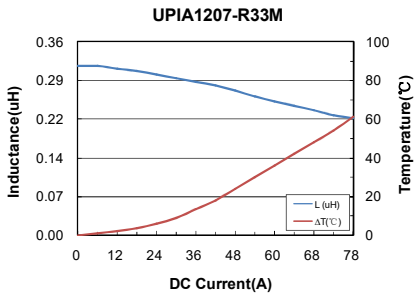
Note 2: Test Condition: 100kHz, 0.25 Vrms.

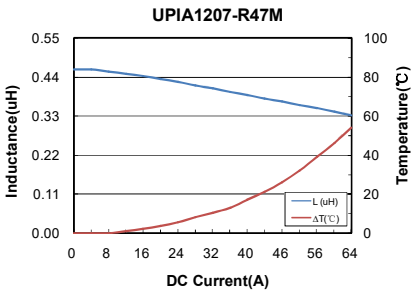
Note 3: Isat (Typ): DC current（A）that will cause L0 to drop approximately 30%

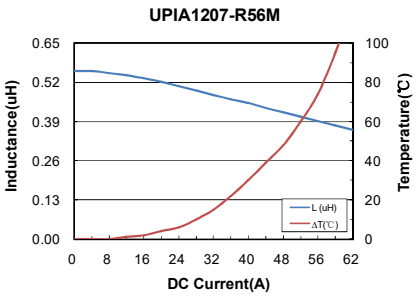
Irms (Typ): DC current（A）that will cause an approximate ΔT of 40℃

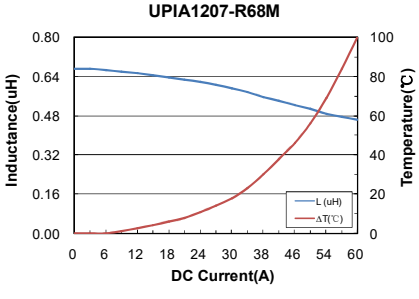
Note 4: Operating Temperature range includes self-temperature rise

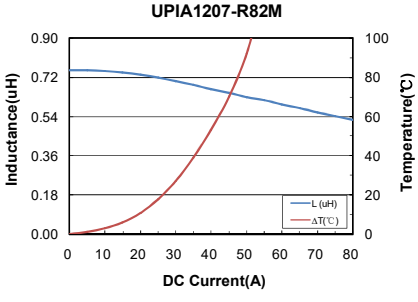
Typical performance curves :

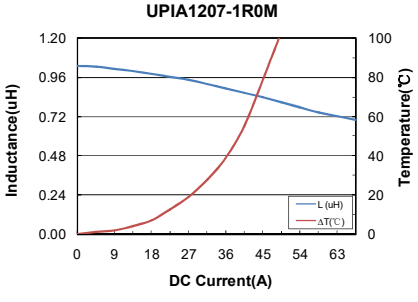




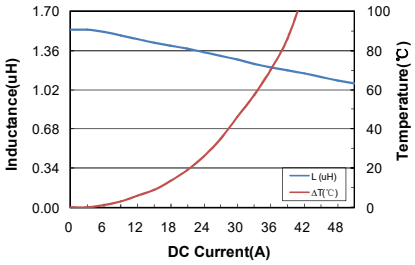




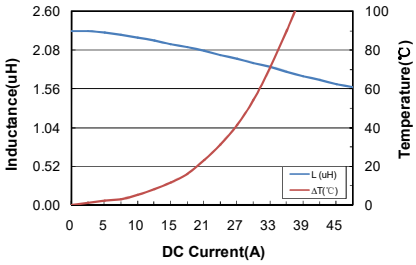




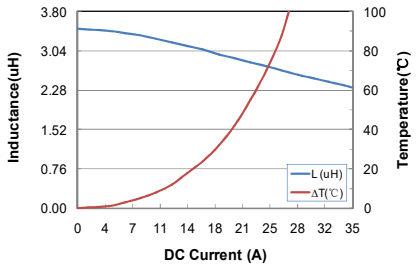
UPIA1207-1R5M



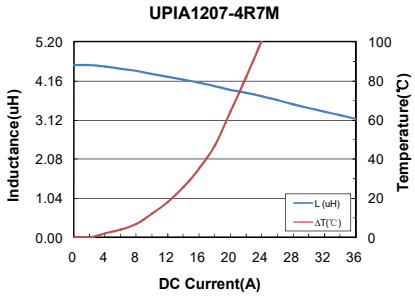
UPIA1207-2R2M



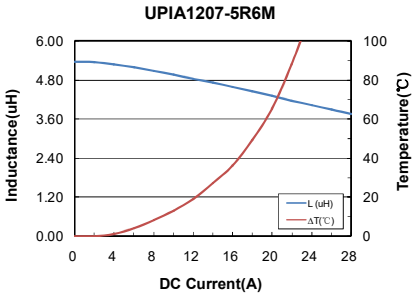
UPIA1207-3R3M



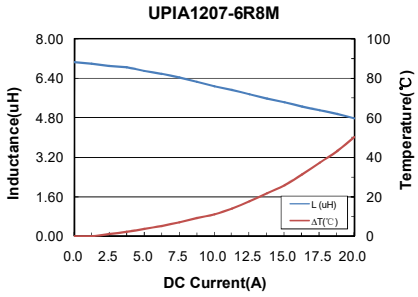
UPIA1207-4R7M



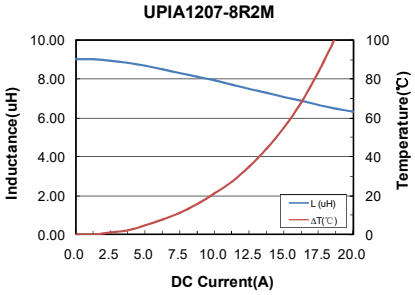
UPIA1207-5R6M



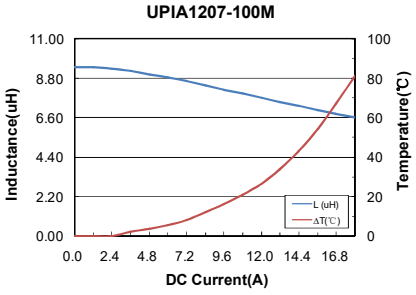
UPIA1207-6R8M



UPIA1207-8R2M



UPIA1207-100M



* Due to the limited space, the catalogue shows the typical specifications only. For more specific details (characteristics graph, reliability, and others), kindly invite you to access 3L official website www.3lcoil.com for better known.