

MHCC、MHCI Series



MHCC series is designed for low profile type with low RDC and ultra large current. Its molded magnetic shielded type is suitable for high-density mounting and ultra low buzz noise. Soldering conditions can be easily confirmed when mounting onto the board. This series also provides customers with embossed carrier type packaging for automatic mounting machine.

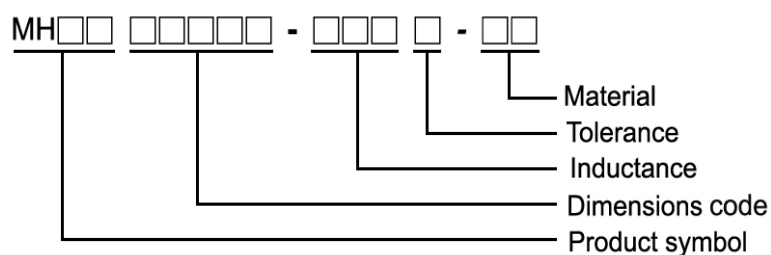
Features

- RoHS compliant
- Low profile type
- Shielded construction
- Ultra low buzz noise, due to un-assembly structure

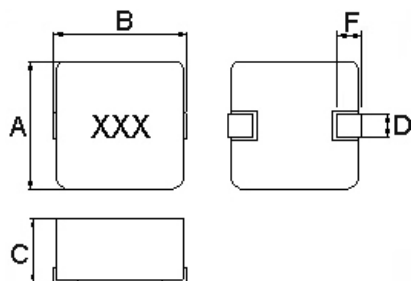
Applications

- High density DC/DC converters
- POL converters
- High current VRM/VRD for notebook / Server / desktop CPUs
- High speed charger
- For thickness less than 1.2mm, suitable for low profile applications e.g., for Ultra thin NB/Monitor/TV/Tablet

Product Identification



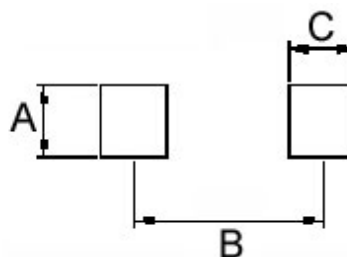
Shapes and Dimensions



Dimensions in mm

TYPE	A	B Max	C Max	D	F
04012	4.1±0.2	4.6±0.2	1.2	1.5±0.3	1.0±0.5
04015	4.1±0.2	4.6±0.2	1.5	1.5±0.3	1.0±0.5
04020	4.1±0.2	4.6±0.2	2.0	1.5±0.3	1.0±0.5
05012	5.4±0.35	5.7±0.2	1.2	2.0±0.3	1.5±0.3
05015	5.4±0.35	5.7±0.2	1.5	2.0±0.3	1.5±0.3
05020	5.4±0.35	5.7±0.2	1.8±0.2	2.0±0.3	1.5±0.3
05030	5.4±0.35	5.7±0.2	3.0	2.0±0.3	1.5±0.3
06012	6.6±0.2	7.3	1.2±0.2	2.9	1.6±0.5
06015	6.6±0.2	7.3	1.3±0.2	2.9	1.6±0.5
06018	6.6±0.2	7.3	1.6±0.2	2.9	1.6±0.5
06024	6.6±0.2	7.3	2.4	2.9	1.6±0.5
06030	6.6±0.2	7.3	3.0	2.9	1.6±0.5
10030	10.1±0.3	11.6	3.0	3.0	2.5±0.5
10040	10.1±0.3	11.6	4.0	3.0	2.5±0.5
12035	12.6±0.2	13.8	3.5	3.7	2.7±0.7
12050	12.6±0.2	13.8	5.0	3.7	2.7±0.7
12060	12.6±0.2	13.8	6.0	3.7	2.7±0.7

Recommended Pattern



Dimensions in mm

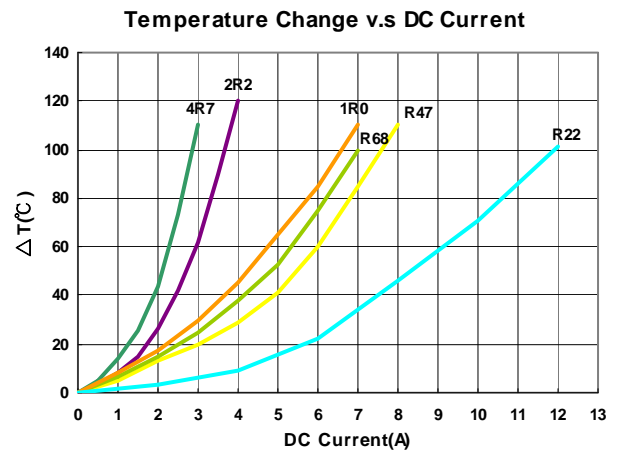
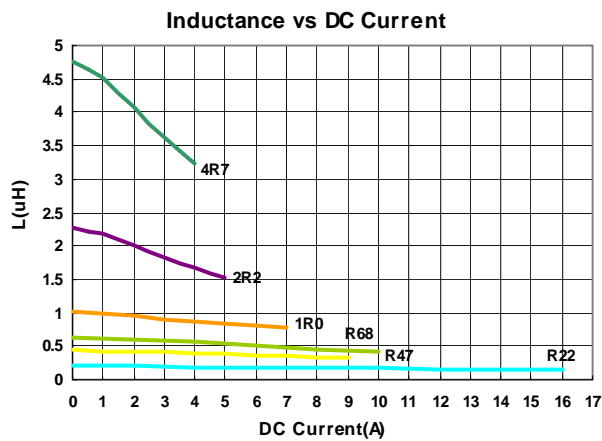
TYPE	A	B	C
04012	2.5	3.7	1.5
04015	2.5	3.7	1.5
04020	2.5	3.7	1.5
05012	2.5	4.1	1.9
05015	2.5	4.1	1.9
05020	2.5	4.1	1.9
05030	2.5	4.1	1.9
06012	3.5	6.05	2.35
06015	3.5	6.05	2.35
06018	3.5	6.05	2.35
06024	3.5	6.05	2.35
06030	3.5	6.05	2.35
10030	4.0	9.5	3.5
10040	4.0	9.5	3.5
12035	5.0	10.5	4.0
12050	5.0	10.5	4.0
12060	5.0	10.5	4.0

Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI04012-R22M-R8	0.22	20	100KHz,0.5V	8.5	11.5	12(11typ)
MHCI04012-R47M-R8	0.47	20	100KHz,0.5V	5.0	7.0	25(20typ)
MHCI04012-R68M-R8	0.68	20	100KHz,0.5V	4.5	6.0	37(34typ)
MHCI04012-1R0M-R8	1.0	20	100KHz,0.5V	4.2	5.2	47(43typ)
MHCI04012-2R2M-R8	2.2	20	100KHz,0.5V	2.75	3.5	83.5(79.4typ)
MHCI04012-4R7M-R8	4.7	20	100KHz,0.5V	1.8	2.8	195(175typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

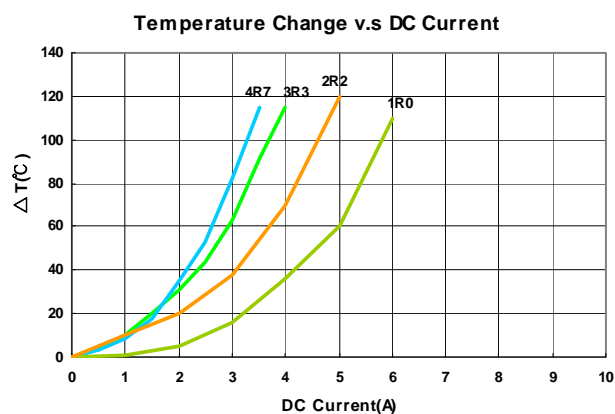
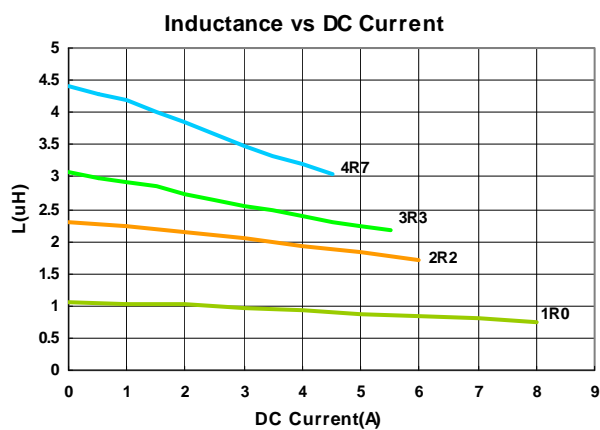


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI04015-1R0M-R8	1.0	20	100KHz,0.5V	4	7	46(38typ)
MHCI04015-2R2M-R8	2.2	20	100KHz,0.5V	3	5	86(72typ)
MHCI04015-3R3M-R8	3.3	20	100KHz,0.5V	2.3	4.5	138(115typ)
MHCI04015-4R7M-R8	4.7	20	100KHz,0.5V	2	4	146(112typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
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- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer



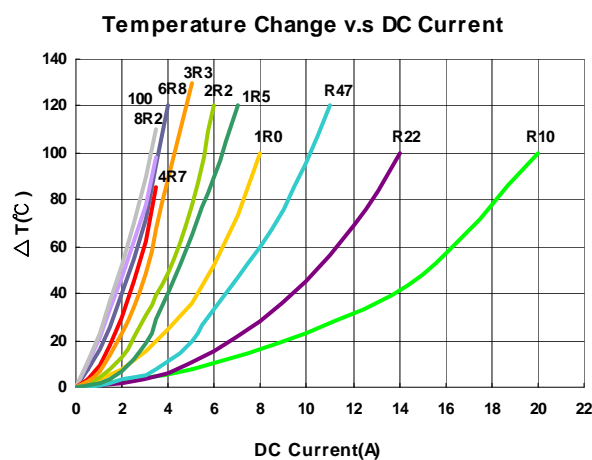
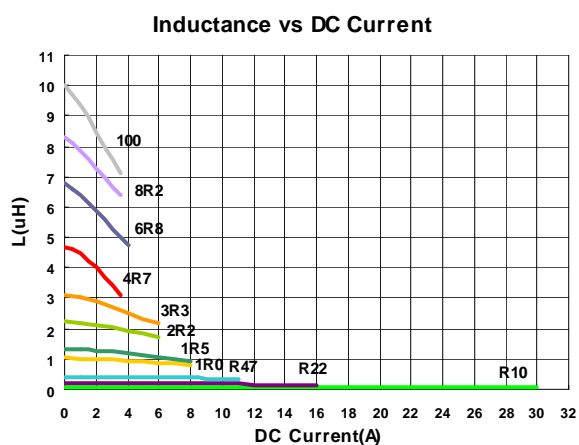
Molding Power Choke – MHCC/MHCI Series

Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(μ H)	($\pm\%$)		(A)Typ	(A)Typ	(m Ω)Max.
MHCI04020-R10M-R8	0.10	20	100KHz,0.5V	12.0	25	4(3.5typ)
MHCI04020-R22M-R8	0.22	20	100KHz,0.5V	9.0	12.5	6.6(6typ)
MHCI04020-R47M-R8	0.47	20	100KHz,0.5V	7.0	9.5	14(12.5typ)
MHCI04020-1R5M-R8	1.5	20	100KHz,0.5V	4.0	6.0	46(38typ)
MHCI04020-2R2M-R8	2.2	20	100KHz,0.5V	3.0	5.0	58(52typ)
MHCI04020-3R3M-R8	3.3	20	100KHz,0.5V	2.5	4.0	87(74typ)
MHCI04020-4R7M-R8	4.7	20	100KHz,0.5V	2.2	3.0	126(105typ)
MHCI04020-6R8M-R8	6.8	20	100KHz,0.5V	2.0	2.5	150(125typ)
MHCI04020-8R2M-R8	8.2	20	100KHz,0.5V	1.8	2.5	216(180typ)
MHCI04020-100M-R8	10	20	100KHz,0.5V	1.6	2.0	270(225typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= $\pm 20\%$
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

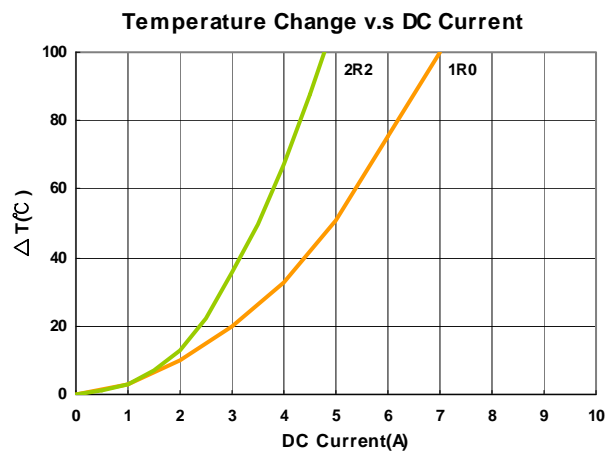
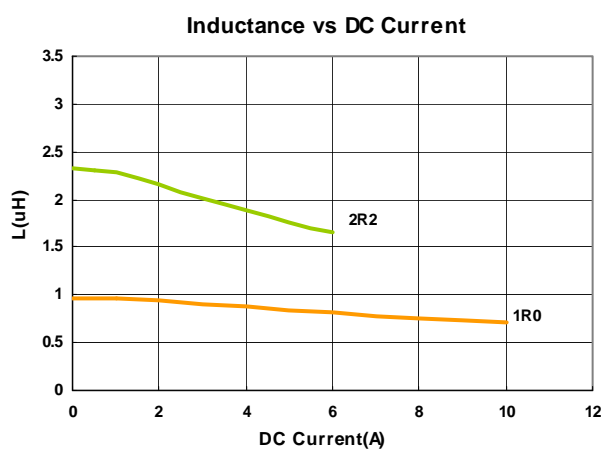


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	I _{rms}	I _{sat}	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI05012-1R0M-R8	1.0	20	100KHz,0.5V	4.5	8	38(32typ)
MHCI05012-2R2M-R8	2.2	20	100KHz,0.5V	3.0	4	88(73typ)

- I_{rms} current (A) that will cause an approximate ΔT of 40°C.
- I_{sat} current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- R_{dc} : CHEN HWA502
- Operating temperature range from -55°C to 125°C . (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

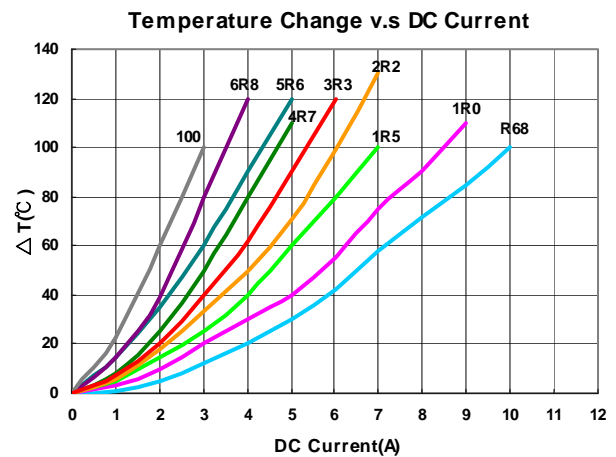
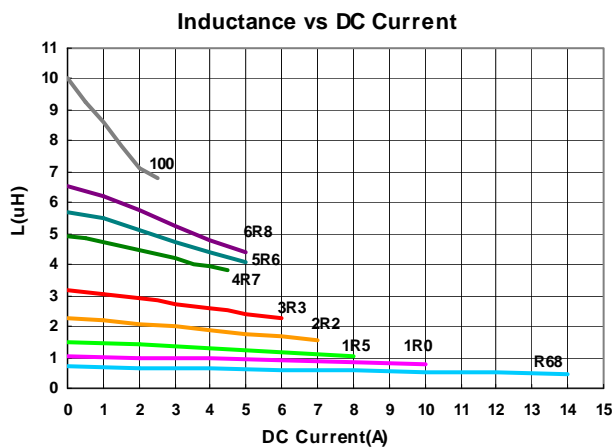


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI05015-R68M-R8	0.68	20	100KHz,0.5V	6.0	10	23(19typ)
MHCI05015-1R0M-R8	1.0	20	100KHz,0.5V	5.0	8.0	33(27typ)
MHCI05015-1R5M-R8	1.5	20	100KHz,0.5V	4.0	6.0	50(41typ)
MHCI05015-2R2M-R8	2.2	20	100KHz,0.5V	3.3	6.0	68(57typ)
MHCI05015-3R3M-R8	3.3	20	100KHz,0.5V	3.0	5.0	84(70typ)
MHCI05015-4R7M-R8	4.7	20	100KHz,0.5V	2.5	4.0	135(128typ)
MHCI05015-5R6M-R8	5.6	20	100KHz,0.5V	2.2	3.5	175(146typ)
MHCI05015-6R8M-R8	6.8	20	100KHz,0.5V	2.0	3.0	192(160typ)
MHCI05015-100M-R8	10	20	100KHz,0.5V	1.5	2.0	195(175typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
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- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

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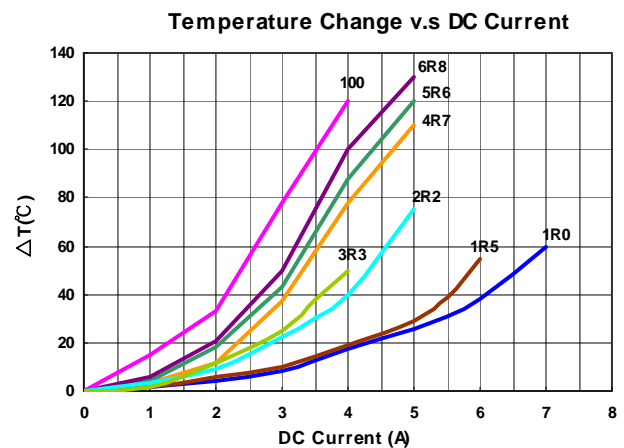
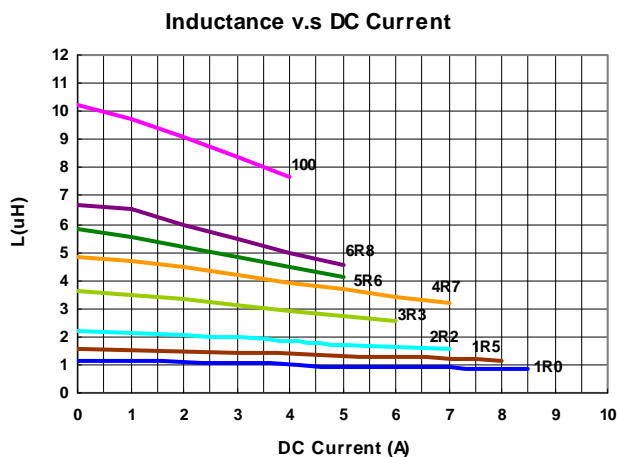


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI05020-1R0M-R8	1.0	20	100KHz,0.5V	6.0	7.0	30(27typ)
MHCI05020-1R5M-R8	1.5	20	100KHz,0.5V	5.5	6.5	35(30typ)
MHCI05020-2R2M-R8	2.2	20	100KHz,0.5V	4.0	6.0	45(40typ)
MHCI05020-3R3M-R8	3.3	20	100KHz,0.5V	3.5	5.5	60(55typ)
MHCI05020-4R7M-R8	4.7	20	100KHz,0.5V	3.0	5.0	90(75typ)
MHCI05020-5R6M-R8	5.6	20	100KHz,0.5V	2.8	4.5	120(100typ)
MHCI05020-6R8M-R8	6.8	20	100KHz,0.5V	2.8	4.5	125(115typ)
MHCI05020-100M-R8	10	20	100KHz,0.5V	2.3	4.0	180(163typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

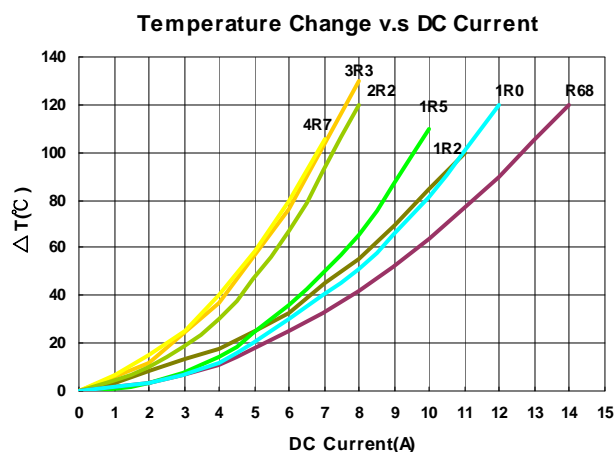
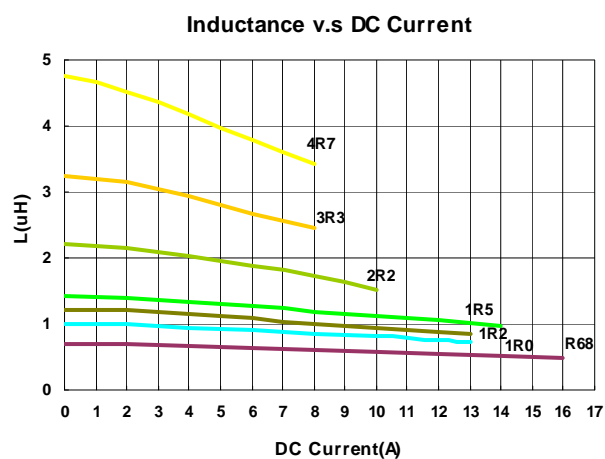


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	I _{rms}	I _{sat}	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI05030-R68M-R8	0.68	20	100KHz,0.5V	8.0	14	12(11typ)
MHCI05030-1R0M-R8	1.0	20	100KHz,0.5V	7.0	11	15(14typ)
MHCI05030-1R2M-R8	1.2	20	100KHz,0.5V	6.5	11	15(14typ)
MHCI05030-1R5M-R8	1.5	20	100KHz,0.5V	6.0	10	25(20typ)
MHCI05030-2R2M-R8	2.2	20	100KHz,0.5V	5.0	8	35(29typ)
MHCI05030-3R3M-R8	3.3	20	100KHz,0.5V	4.5	7	46(38typ)
MHCI05030-4R7M-R8	4.7	20	100KHz,0.5V	4.0	6	60(50typ)

- **I_{rms}** DC current (A) that will cause an approximate ΔT of 40°C.
- **I_{sat}** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C . (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

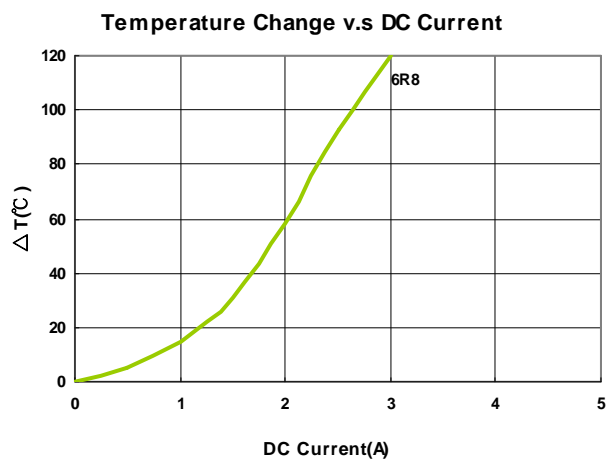
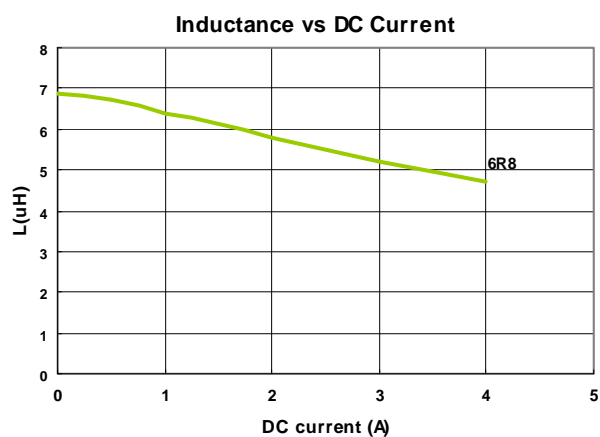


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI06012-6R8M-R8	6.8	20	100KHz,0.5V	1.5	3	210(175typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C . (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

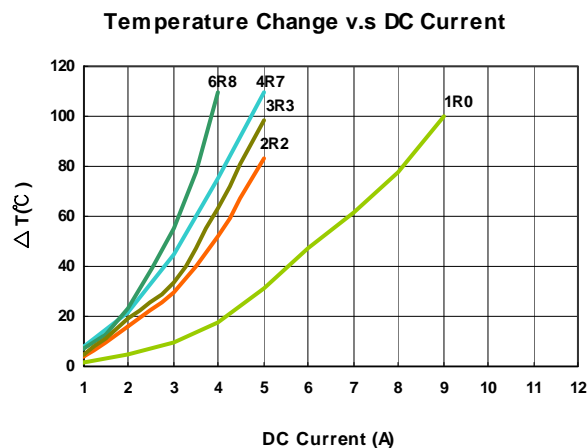
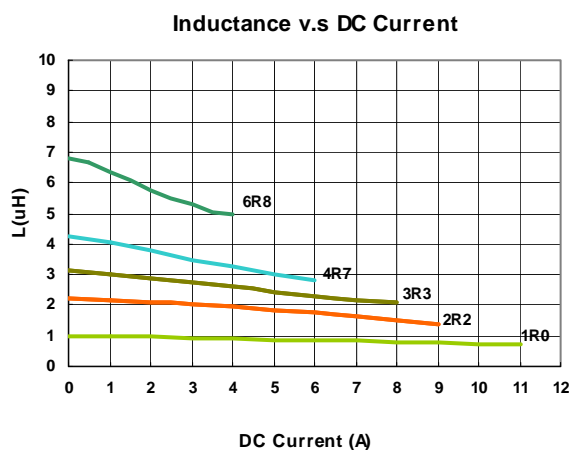


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI06015-1R0M-R8	1.0	20	100KHz,0.5V	5.5	9.0	25(21typ)
MHCI06015-2R2M-R8	2.2	20	100KHz,0.5V	3.5	6.0	54(46typ)
MHCI06015-3R3M-R8	3.3	20	100KHz,0.5V	3.3	5.5	63(54typ)
MHCI06015-4R7M-R8	4.7	20	100KHz,0.5V	3.2	4.5	105(95typ)
MHCI06015-6R8M-R8	6.8	20	100KHz,0.5V	2.5	4.0	140(128typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C . (Including self - temperature rise)

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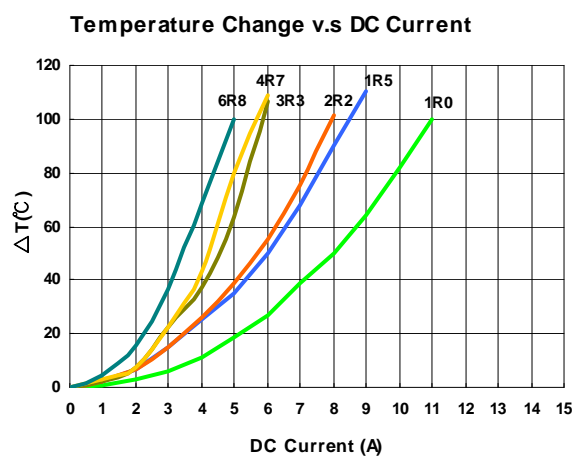
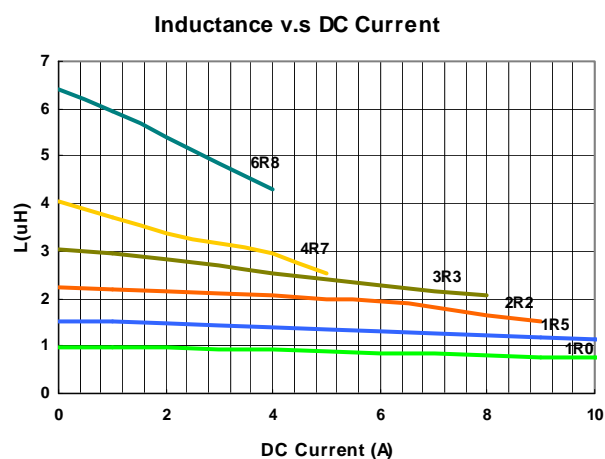


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI06018-1R0M-R8	1.0	20	100KHz,0.5V	7.0	10.0	17(14.5typ)
MHCI06018-1R5M-R8	1.5	20	100KHz,0.5V	5.0	10.5	28(24typ)
MHCI06018-2R2M-R8	2.2	20	100KHz,0.5V	5.0	8.0	35(31typ)
MHCI06018-3R3M-R8	3.3	20	100KHz,0.5V	3.5	8.0	60(56typ)
MHCI06018-4R7M-R8	4.7	20	100KHz,0.5V	3.5	5.0	72(65typ)
MHCI06018-6R8M-R8	6.8	20	100KHz,0.5V	2.8	3.5	110(98typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

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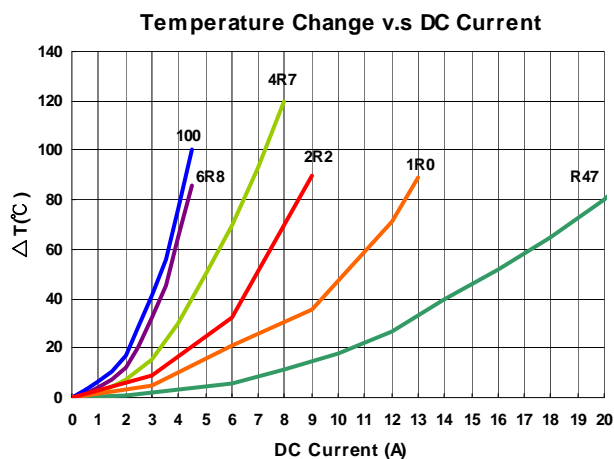
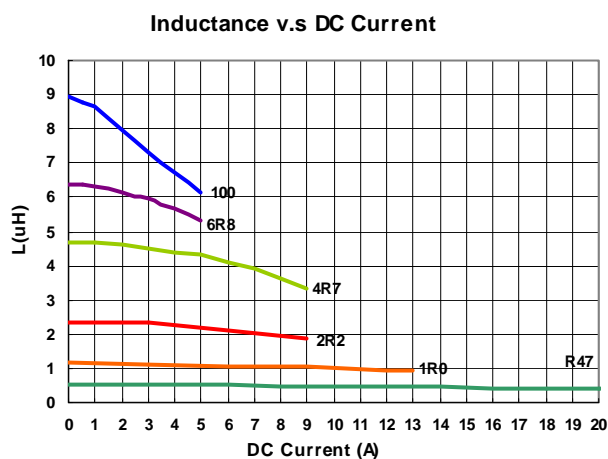


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (MHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCI06024-R47M-R8	0.47	20	100KHz,0.5V	13.5	21	6.5(6.0typ)
MHCI06024-1R0M-R8	1.0	20	100KHz,0.5V	9.0	16	13.5(11.2typ)
MHCI06024-2R2M-R8	2.2	20	100KHz,0.5V	6.0	12	28(23typ)
MHCI06024-4R7M-R8	4.7	20	100KHz,0.5V	4.5	8	50(41typ)
MHCI06024-6R8M-R8	6.8	20	100KHz,0.5V	3.5	4	66(62.5typ)
MHCI06024-100M-R8	10	20	100KHz,0.5V	3.1	4	101(92typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
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- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

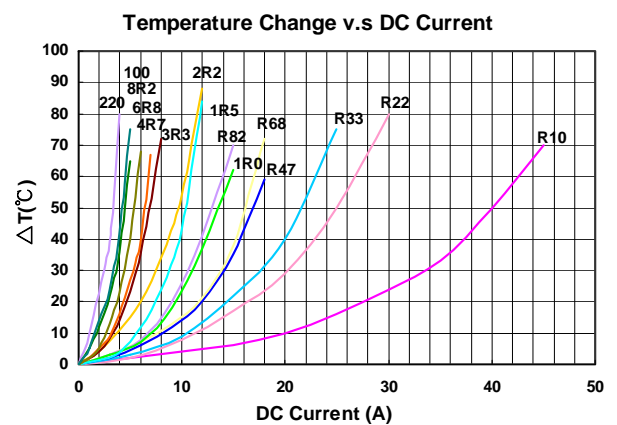
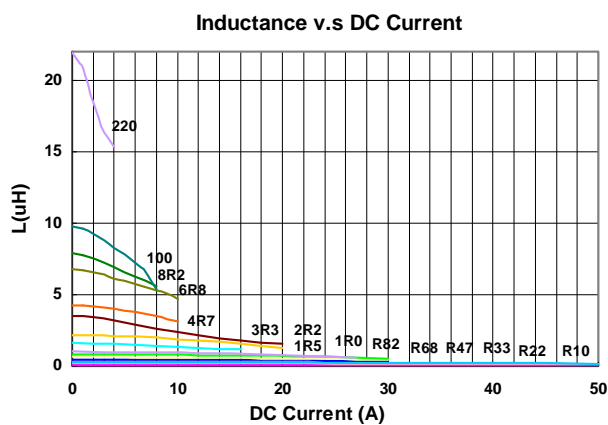


Electrical Characteristics

Part Number	Inductance (uH)	Tolerance (±%)	Test Frequency (KHz)	Irms (A)Typ	Isat (A)Typ	RDC (mΩ)Max.
MHCI06030-R10M-R8	0.10	20	100KHz,0.5V	37	45	1.5(1.3typ)
MHCI06030-R22M-R8	0.22	20	100KHz,0.5V	23	40	2.8(2.5typ)
MHCI06030-R33M-R8	0.33	20	100KHz,0.5V	20	33	4.2(4.0typ)
MHCI06030-R47M-R8	0.47	20	100KHz,0.5V	16.5	27	5.5(5.0typ)
MHCI06030-R68M-R8	0.68	20	100KHz,0.5V	15	24	6.3(5.7typ)
MHCI06030-R82M-R8	0.82	20	100KHz,0.5V	13	23	8.0(7.5typ)
MHCI06030-1R0M-R8	1.0	20	100KHz,0.5V	12	22	10(9.0typ)
MHCI06030-1R5M-R8	1.5	20	100KHz,0.5V	9.5	18	15(13.5typ)
MHCI06030-2R2M-R8	2.2	20	100KHz,0.5V	8.5	14	20(17.0typ)
MHCI06030-3R3M-R8	3.3	20	100KHz,0.5V	6.0	12	35(32.0typ)
MHCI06030-4R7M-R8	4.7	20	100KHz,0.5V	5.5	9	40(35.0typ)
MHCI06030-6R8M-R8	6.8	20	100KHz,0.5V	4.5	8	60(54.0typ)
MHCC06030-8R2M-R7	8.2	20	100KHz,0.5V	4.5	6	60(54.0typ)
MHCC06030-100M-R7	10	20	100KHz,0.5V	4.0	5.5	68(62.0typ)
MHCC06030-220M-R1	22	20	100KHz,0.5V	3.0	3.2	145(130.0typ)

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

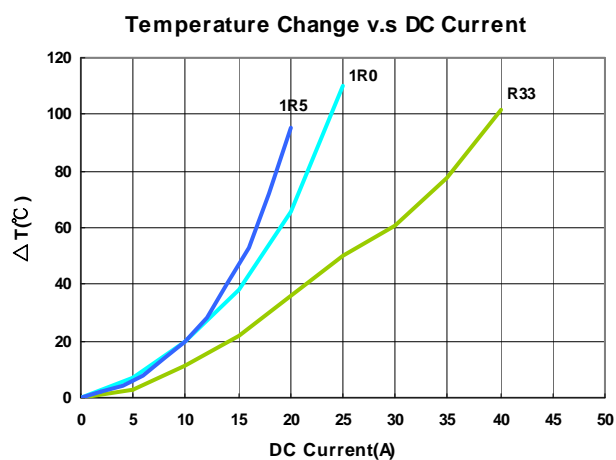
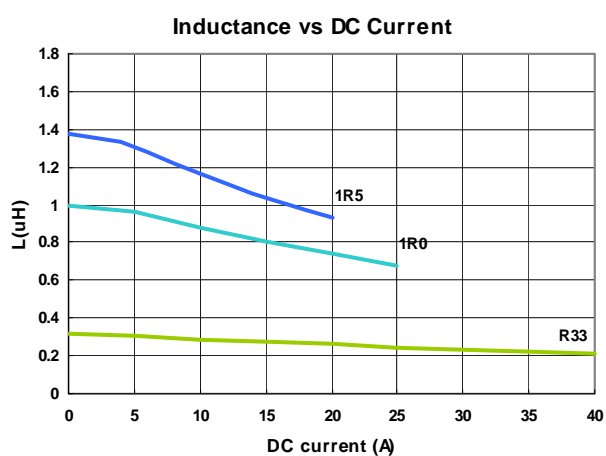


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCC10030-R33M-R7	0.33	20	100KHz,0.5V	23	32	1.6
MHCC10030-1R0M-R7	1.0	20	100KHz,0.5V	15	21	6.0
MHCC10030-1R5M-R7	1.5	20	100KHz,0.5V	13.5	18	7.5

- **Irms** current (A) that will cause an approximate ΔT of 40°C.
- **Isat** current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer



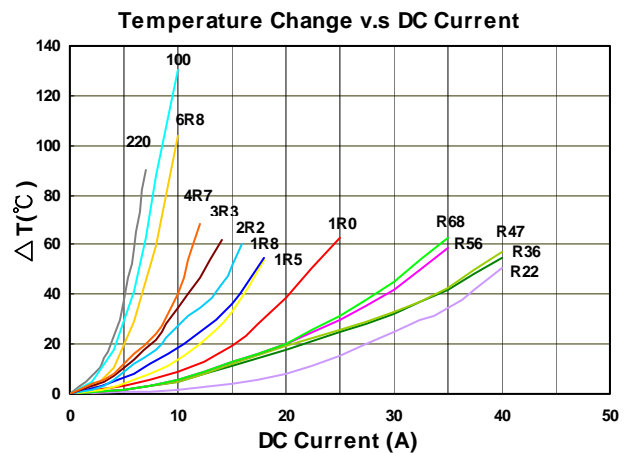
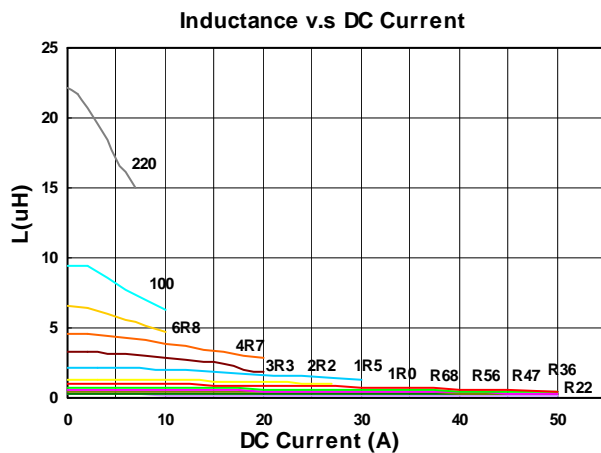
Molding Power Choke – MHCC/MHCI Series

Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCC10040-R22M-R7	0.22	20	100KHz,0.5V	35	45	0.6
MHCC10040-R36M-R7	0.36	20	100KHz,0.5V	34	42	1.2
MHCC10040-R47M-R7	0.47	20	100KHz,0.5V	33	38	1.2
MHCC10040-R56M-R7	0.56	20	100KHz,0.5V	27	32	1.55
MHCC10040-R68M-R7	0.68	20	100KHz,0.5V	27	30	1.55
MHCC10040-1R0M-R7	1.0	20	100KHz,0.5V	20	26	3.1
MHCC10040-1R5M-R7	1.5	20	100KHz,0.5V	16	22	4.2
MHCC10040-1R8M-R7	1.8	20	100KHz,0.5V	15.3	16	5
MHCC10040-2R2M-R7	2.2	20	100KHz,0.5V	14	16	7
MHCC10040-3R3M-R7	3.3	20	100KHz,0.5V	11	12	13.2
MHCI10040-4R7M-R8	4.7	20	100KHz,0.5V	10	13	16.5
MHCC10040-6R8M-R7	6.8	20	100KHz,0.5V	6	10	25
MHCC10040-8R2M-R7	8.2	20	100KHz,0.5V	6	9	30
MHCC10040-100M-R7	10	20	100KHz,0.5V	6.5	7	30
MHCC10040-150M-R7	15	20	100KHz,0.5V	5	6	53
MHCC10040-220M-R7	22	20	100KHz,0.5V	4.5	4.5	64

- **Irms** DC current (A) that will cause an approximate ΔT of 40°C.
- **Isat** DC current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

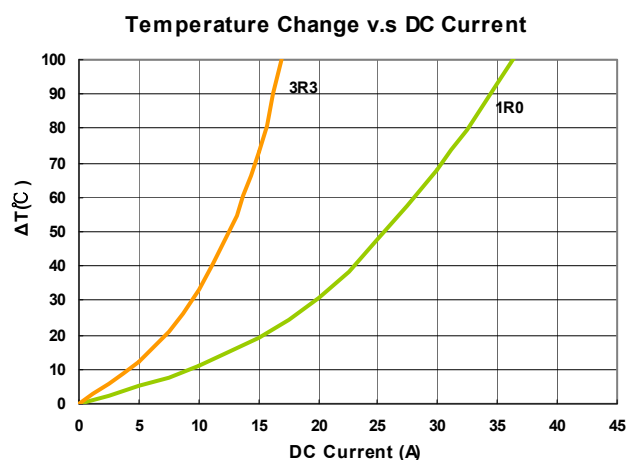
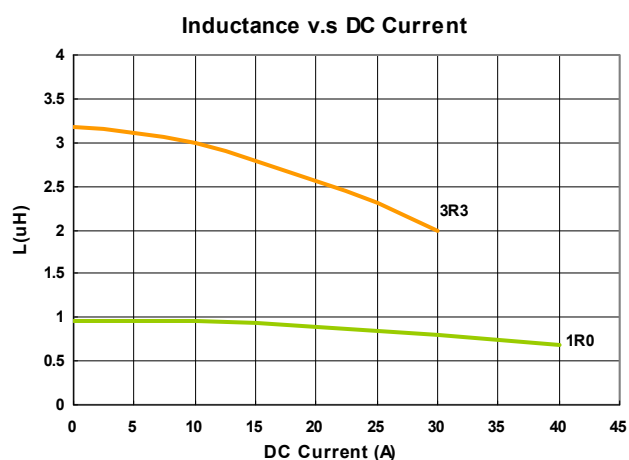


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	I _{rms}	I _{sat}	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCC12035-1R0M-R7	1.0	20	100KHz,0.5V	27	28	2.5
MHCC12035-1R0M-R7	3.3	20	100KHz,0.5V	12	25	12.5

- **Heat Rating** DC current (A) that will cause an approximate ΔT of 40°C.
- **Saturation** DC current (A) that will cause L to drop approximately 20%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C.

Test Instruments : WK3260B Impedance / Material Analyzer



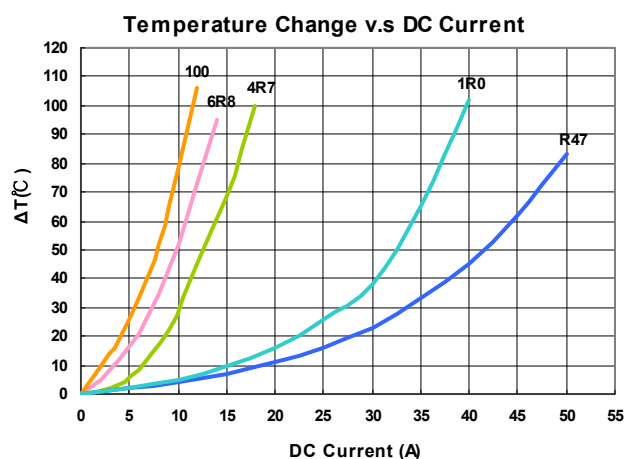
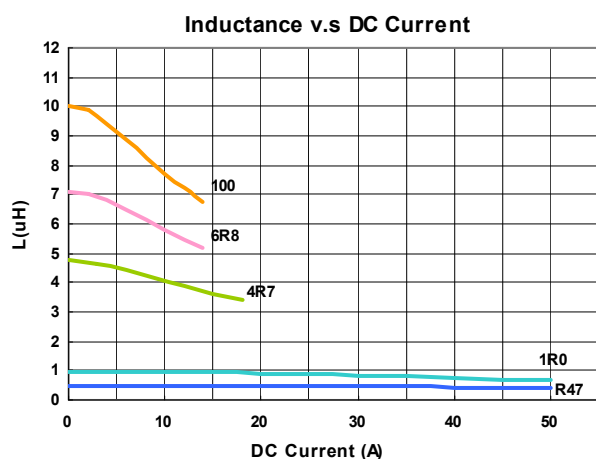
Molding Power Choke – MHCC/MHCI Series

Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	Irms	Isat	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCC12050-R47M-R7	0.47	20	100KHz,0.5V	37	46	1.2
MHCC12050-1R0M-R7	1.0	20	100KHz,0.5V	29	37	2.5
MHCC12050-4R7M-R7	4.7	20	100KHz,0.5V	11	16	11.5
MHCC12050-6R8M-R7	6.8	20	100KHz,0.5V	9	14	22
MHCC12050-100M-R7	10	20	100KHz,0.5V	7	13	35

- **Irms** current (A) that will cause an approximate ΔT of 40°C.
- **Isat** current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- Rdc : CHEN HWA502
- Operating temperature range from -55°C to 125°C. (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

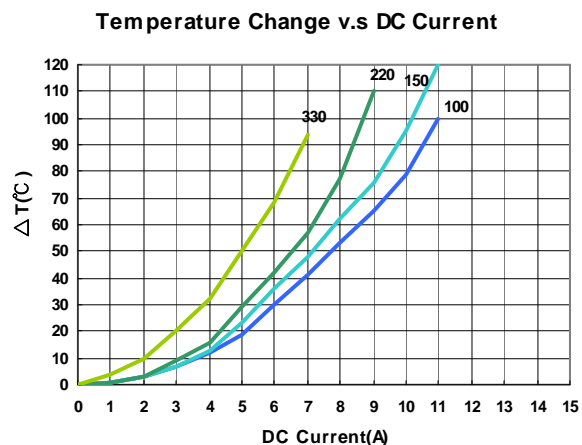
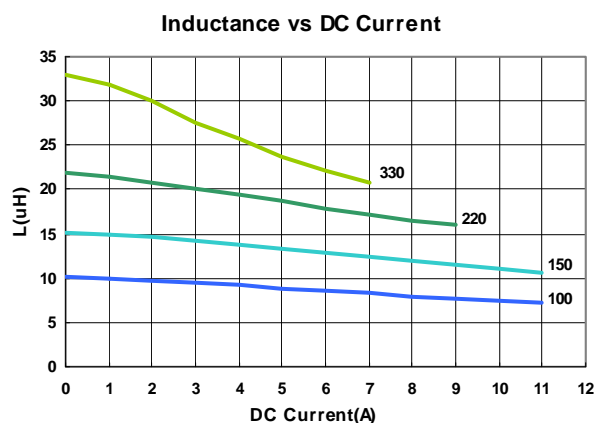


Electrical Characteristics

Part Number	Inductance	Tolerance	Test Frequency (KHz)	I _{rms}	I _{sat}	RDC
	(uH)	(±%)		(A)Typ	(A)Typ	(mΩ)Max.
MHCC12060-100M-R7	10	20	100KHz,0.5V	7	10	26
MHCC12060-150M-R7	15	20	100KHz,0.5V	6	9	37
MHCC12060-220M-R7	22	20	100KHz,0.5V	5	7.5	39.5
MHCC12060-330M-R7	33	20	100KHz,0.5V	4	5	65

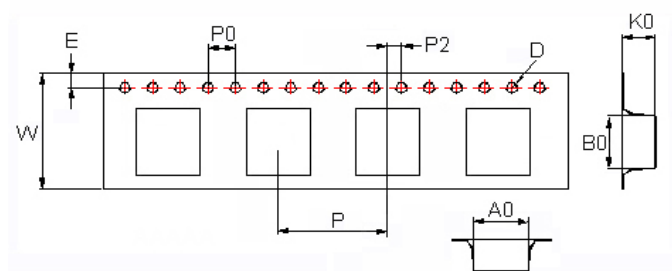
- I_{rms} current (A) that will cause an approximate ΔT of 40°C .
- I_{sat} current (A) that will cause L to drop approximately 30%
- Tolerance : M= ±20%
- L : WK 3260B
- R_{dc} : CHEN HWA502
- Operating temperature range from -55°C to 125°C . (Including self - temperature rise)

Test Instruments : WK3260B Impedance / Material Analyzer

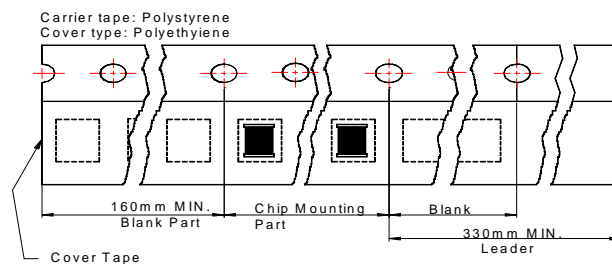


Packaging Specifications

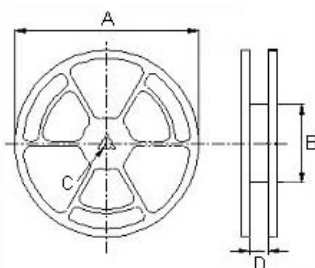
Tape Dimensions



Tape Material



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions									Reel Dimensions				Quantity PCS / REEL
	A0	B0	K0	D	E	W	P	P0	P2	A	B	C	D	
04012	4.6	5.0	1.5	1.55	1.75	12	8	4	2	330	100	13	13.4	2000
04015	4.6	5.0	1.8	1.55	1.75	12	8	4	2	330	100	13	13.4	2000
04020	4.6	5.0	2.4	1.55	1.75	12	8	4	2	330	100	13	13.4	2000
05012	5.9	6.2	1.5	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
05015	5.9	6.2	1.9	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
05020	5.9	6.2	2.4	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
05030	5.9	6.2	3.4	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
06012	6.9	7.6	1.6	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
06015	6.9	7.6	1.9	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
06018	6.9	7.6	2.2	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
06024	6.9	7.6	2.9	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
06030	6.9	7.6	3.4	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
10030	10.6	11.7	3.25	1.55	1.75	24	16	4	2	330	100	13	24.4	500
10040	10.6	11.7	4.25	1.55	1.75	24	16	4	2	330	100	13	24.4	500
12035	13	14	3.7	1.55	1.75	24	16	4	2	330	100	13	24.4	500
12050	13	14	5.25	1.55	1.75	24	16	4	2	330	100	13	24.4	500
12060	13	14	6.25	1.55	1.75	24	16	4	2	330	100	13	24.4	500