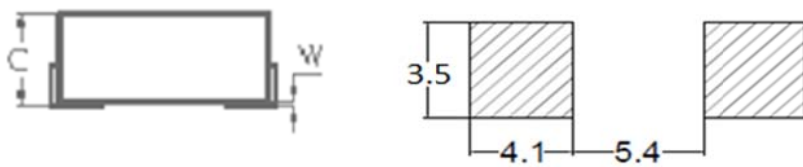
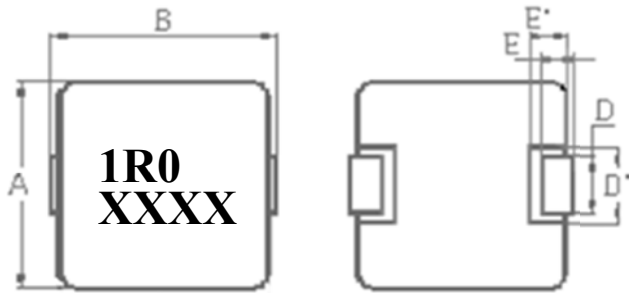
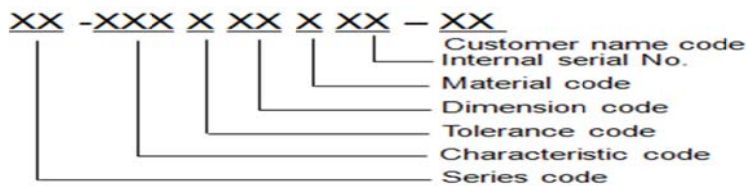


SMD Alloy Molding Power Inductor EM-54V Series (1015)

1. CONFIGURATIONS & DIMENSIONS



SUGGEST PCB PATTERN



TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%

Code	Dimensions(mm)	
	R22	1R0
A:	10.0±0.3	
B:	11.5MAX	
C:	1.5MAX	
E:	2.0±0.5	
E':	2.5±0.1	
D :	3.0±0.5	3.0±0.3
D' :	5.0±0.2	
W:	0.15+0	

2. SPECIFICATIONS

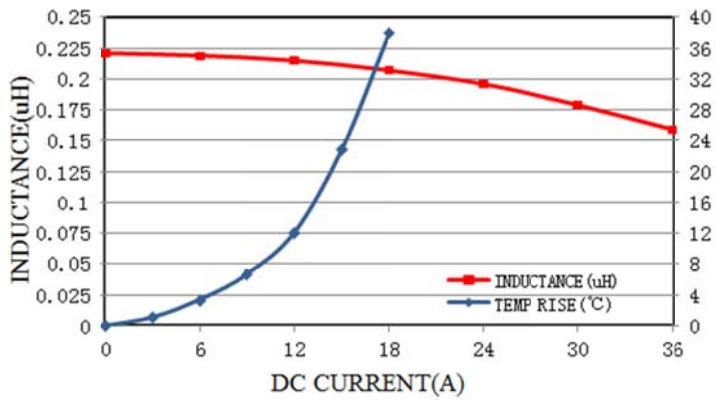
Part Number	Inductance L0(uH) ± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25°C
EM-22BM54V01	0.22	18	36	3.8max
EM-10AM54V02	1.00	8.7	13.3	17max

Note:

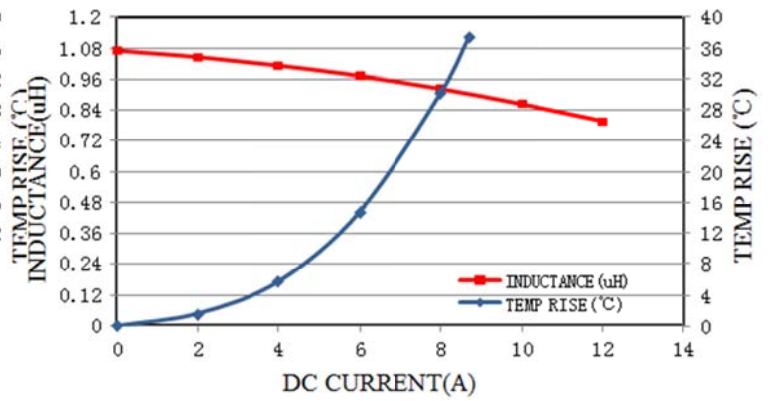
1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25°C ambient.
3. Temperature Rise Current: ΔT 40°C approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40°C ~ 85°C.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55°C ~ +125°C.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

EM-22BM54V01

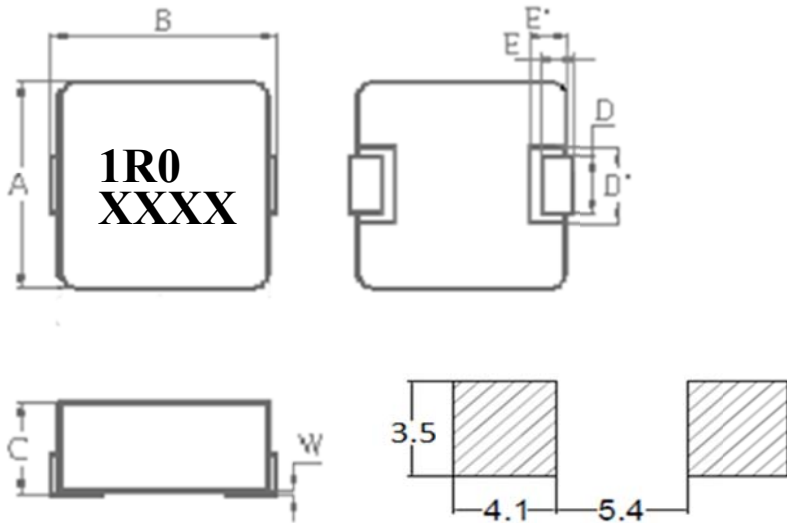


EM-10AM54V02

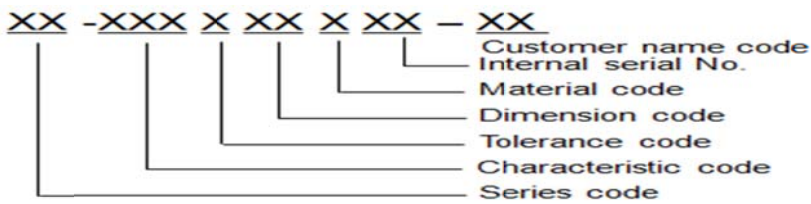


SMD Alloy Molding Power Inductor EM-39V Series (1020)

1. CONFIGURATIONS & DIMENSIONS



SUGGEST PCB PATTERN



TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%

Code	Dimensions(mm)	
	R24/R36 R45/3R3/ 4R7/100	1R0/1R5/ 2R2
A:	10.0±0.3	
B:	11.5MAX	
C:	2.0MAX	
E:	2.0±0.5	
E':	2.5±0.1	
D :	3.0±0.5	3.0±0.3
D' :	5.0±0.2	
W:	0.15+0	

2. SPECIFICATIONS

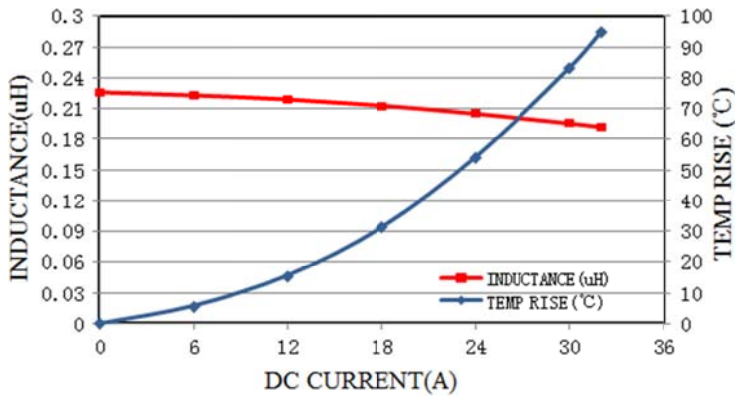
Part Number	Inductance L0(uH)± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25℃
EM-24BM39V01	0.24	20	32	3.0max
EM-36BM39V01	0.36	17	27	3.7±10%
EM-45BM39V01	0.45	13	26	7.0max
EM-10AM39V02	1.00	10.8	16	10.4max
EM-15AM39V04	1.50	9.5	10	14.5max
EM-22AM39V05	2.20	8	12	18max
EM-33AM39V04	3.30	6	10	36max
EM-47AM39V01	4.70	5	8	38±10%
EM-100M39V01	10.00	4	5	68±10%

Note:

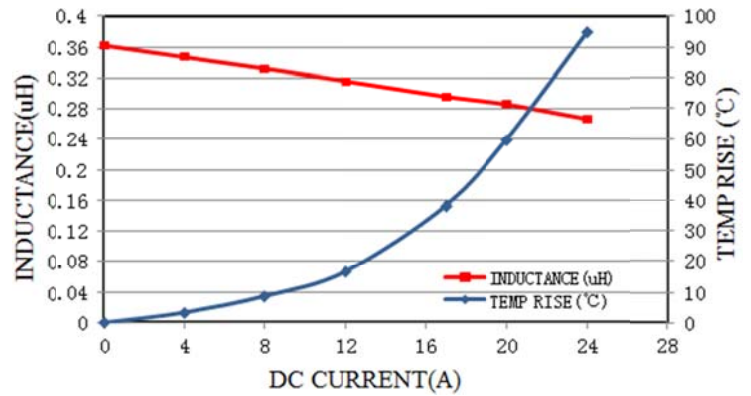
1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25℃ ambient.
3. Temperature Rise Current: ΔT 40℃ approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40℃ ~ 85℃.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55℃~ +125℃.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

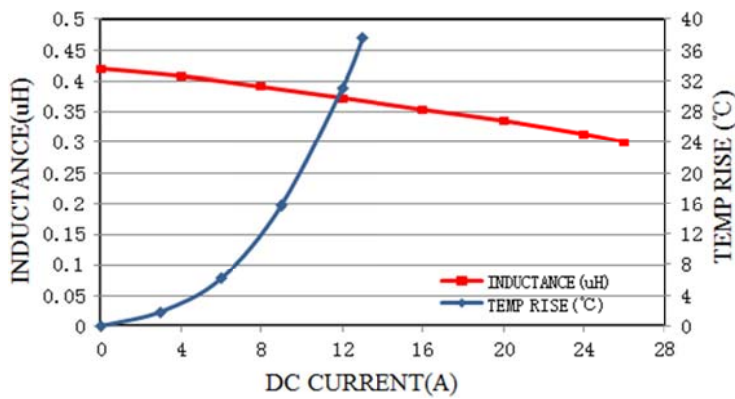
EM-24BM39V01



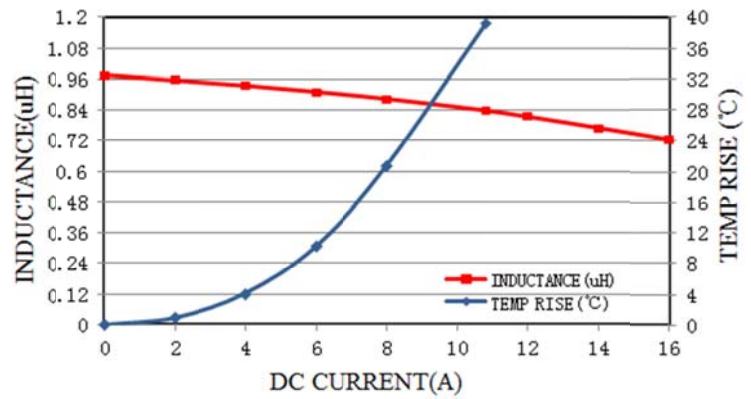
EM-36BM39V01



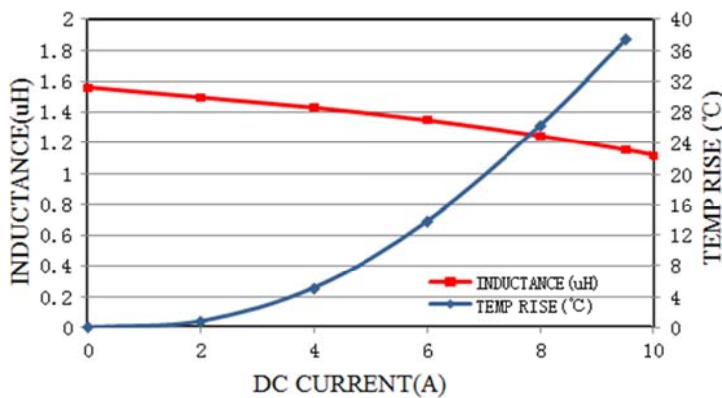
EM-45BM39V01



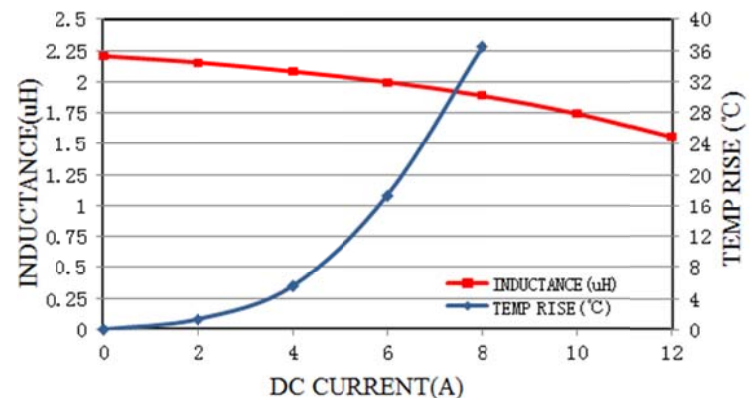
EM-10AM39V02



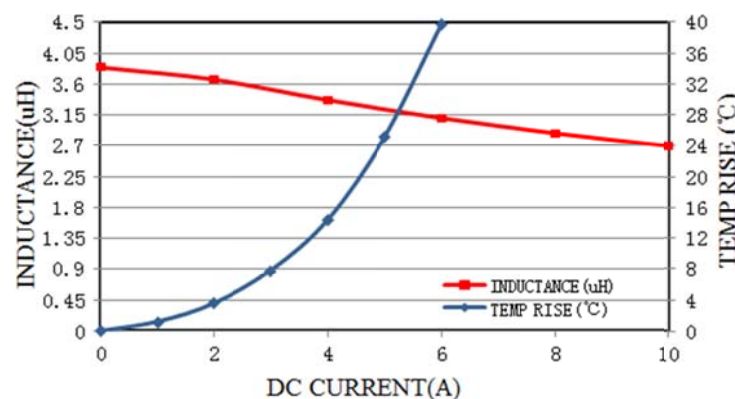
EM-15AM39V4



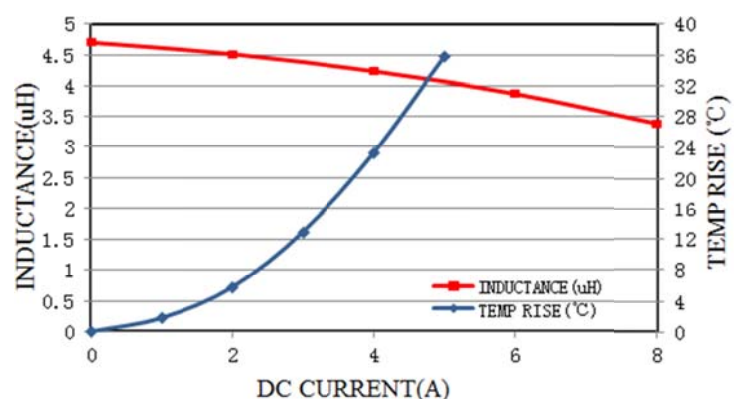
EM-22AM39V05



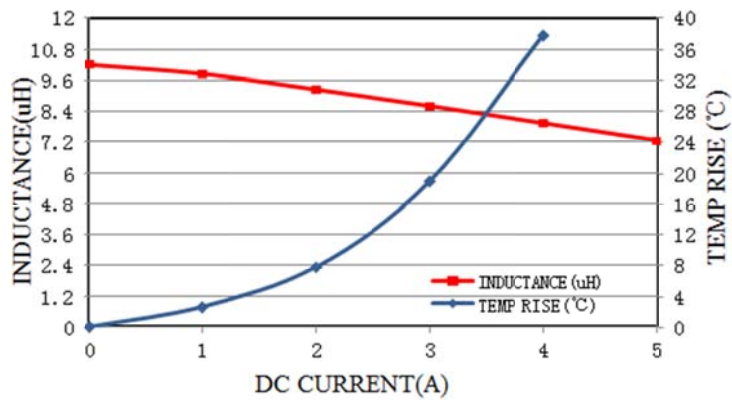
EM-33AM39V04



EM-47AM39V01

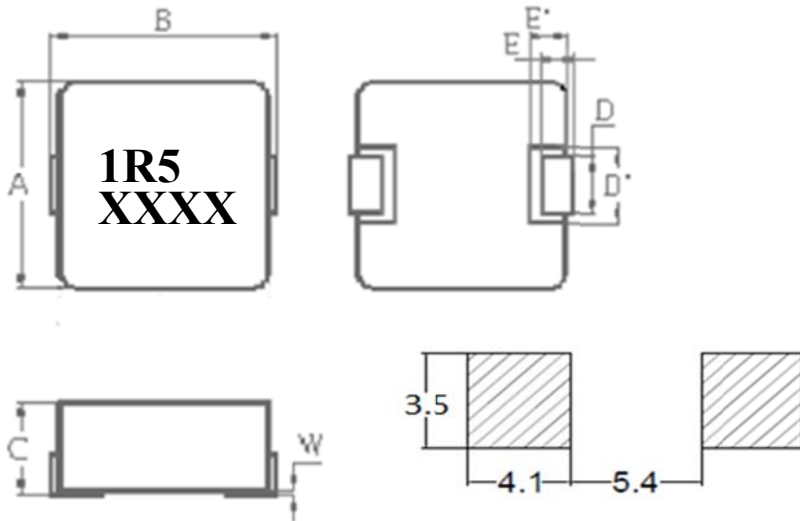


EM-100M39V01



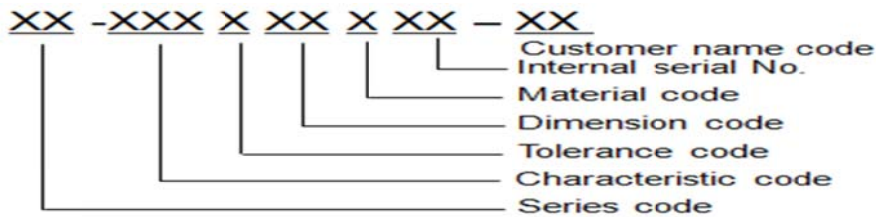
SMD Alloy Molding Power Inductor EM-19V Series (1024)

1. CONFIGURATIONS & DIMENSIONS



SUGGEST PCB PATTERN

Code	Dimensions(mm)	
	R56/1R5/ 2R2/3R3	4R7
A:	10.0±0.3	
B:	11.0±0.4	11.5MAX
C:	2.1±0.3	2.4MAX
E:	2.0±0.4	2.0±0.5
E':	2.5±0.1	
D :	3.0±0.4	3.0±0.5
D' :	5.0±0.2	
W:	0.15+0	



TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%

2. SPECIFICATIONS

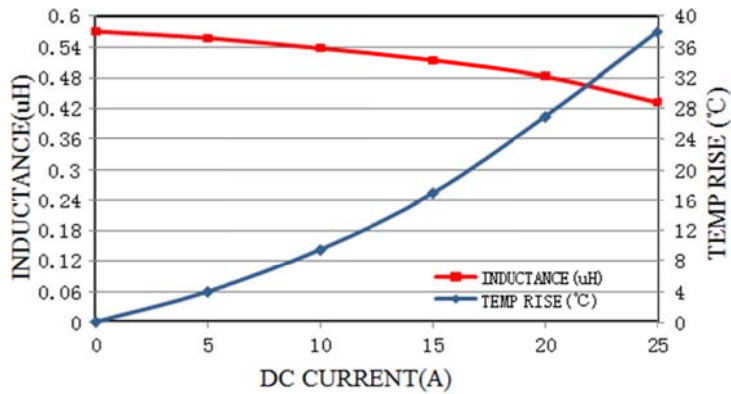
Part Number	Inductance L0(uH)± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25℃
EM-56BM19V01	0.56	20	25	2.9±10%
EM-15AM19V01	1.50	10	12	11.6±10%
EM-22AM19V01	2.20	8	12	16.7±10%
EM-33AM19V01	3.30	7	7.5	19±10%
EM-47AM19V01	4.70	6	8	34.3max

Note:

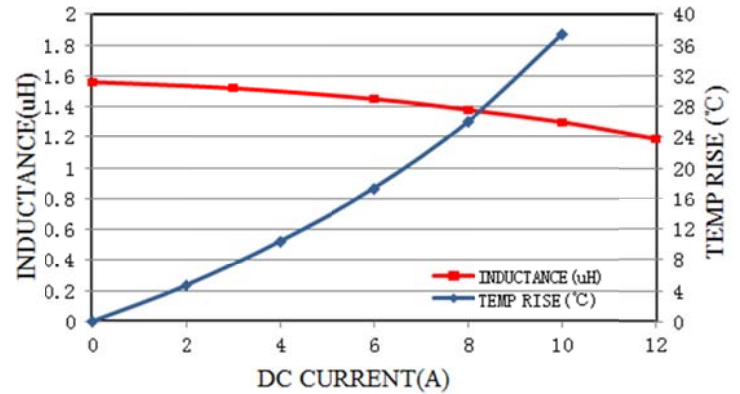
1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25℃ ambient.
3. Temperature Rise Current: ΔT 40℃ approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40℃ ~ 85℃.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55℃~ +125℃.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

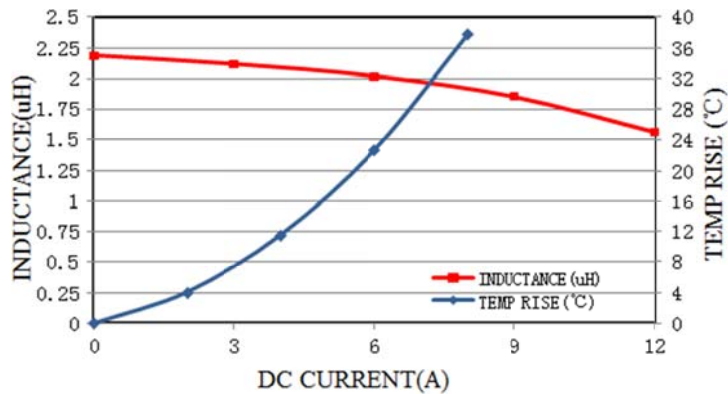
EM-56BM19V01



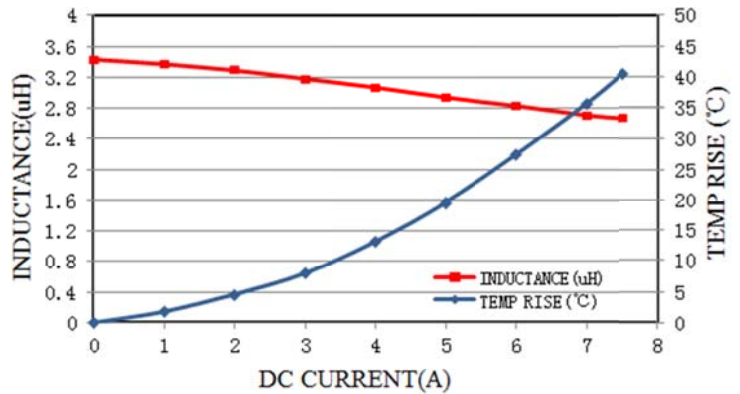
EM-15AM19V01



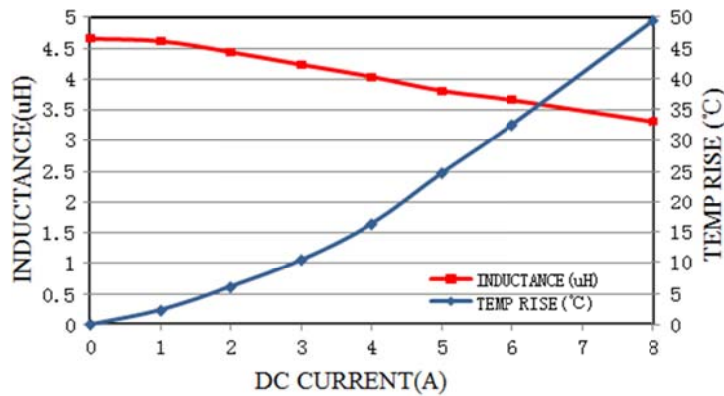
EM-22AM19V01



EM-33AM19V01

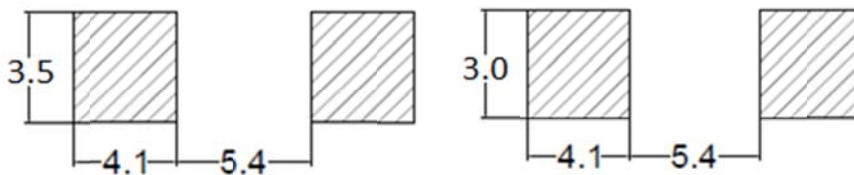
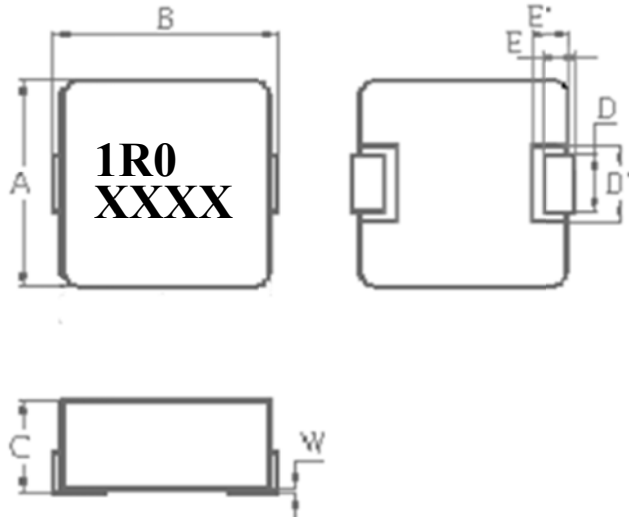


EM-47AM19V01



SMD Alloy Molding Power Inductor EM-07V Series (1030)

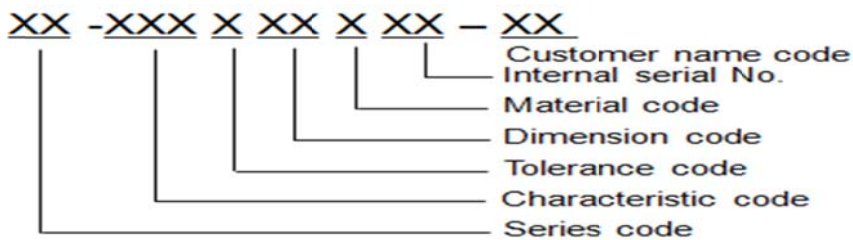
1. CONFIGURATIONS & DIMENSIONS



SUGGEST PCB PATTERN

SUGGEST PCB PATTERN

Code	Dimensions(mm)		
	R15/R33/1R0 /4R7/6R8/8R 2/100/220	1R5	R22
A:	10.0±0.3		
B:	11.5MAX		11.6MAX
C:	3.0MAX		
E:	2.0±0.5		
E':	2.5±0.1		
D:	3.0±0.5	2.3±0.5	3.0±0.5
D':	5.0±0.2		
W:	0.15+0		



TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%

2. SPECIFICATIONS

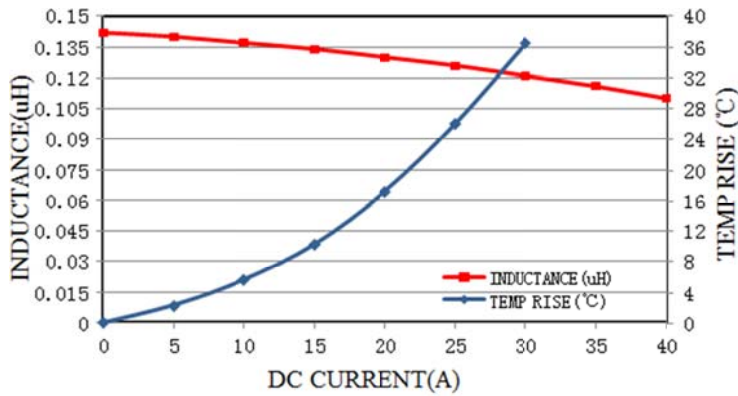
Part Number	Inductance L0(uH)± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25°C
EM-15BM07V02	0.15	30	40	0.9max
EM-22BM07V03	0.22	36	45	0.77±10%
EM-33BM07V03	0.33	23	36	1.6max
EM-10AM07V07	1.00	15	18	5.0max
EM-15AM07V04	1.50	16	16	5.0max
EM-47AM07V01	4.70	8	14	19±10%
EM-68AM07V01	6.80	5.5	9	33.7±10%
EM-82AM07V01	8.20	6	10	50max
EM-100M07V01	10.00	5	5	52max
EM-100M07V01	10.00	5	6	37±10%
EM-220M07V01	22.00	4	4	110max

Note:

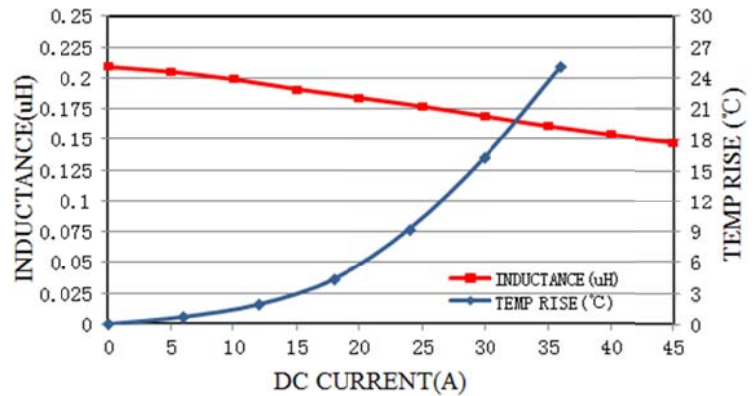
1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25°C ambient.
3. Temperature Rise Current: ΔT 40°C approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40°C ~ 85°C.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55°C~ +125°C.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

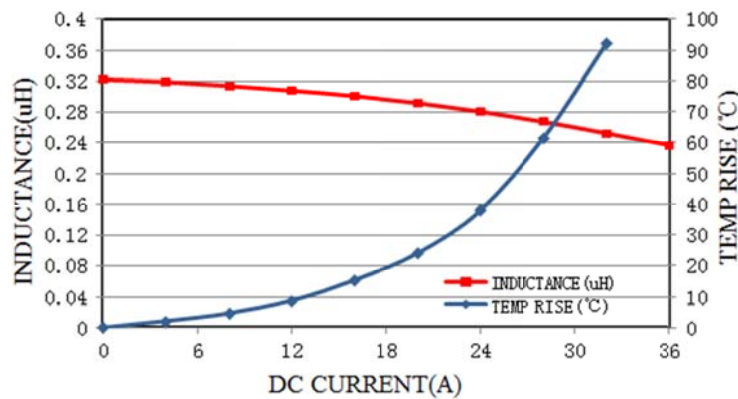
EM-15BM07V02



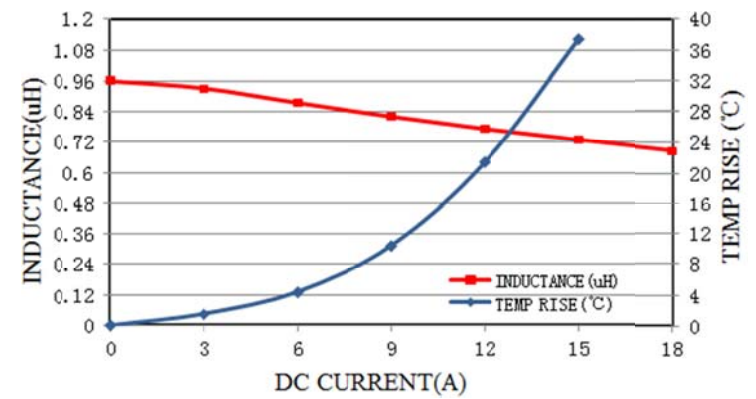
EM-22BM07V03-N1



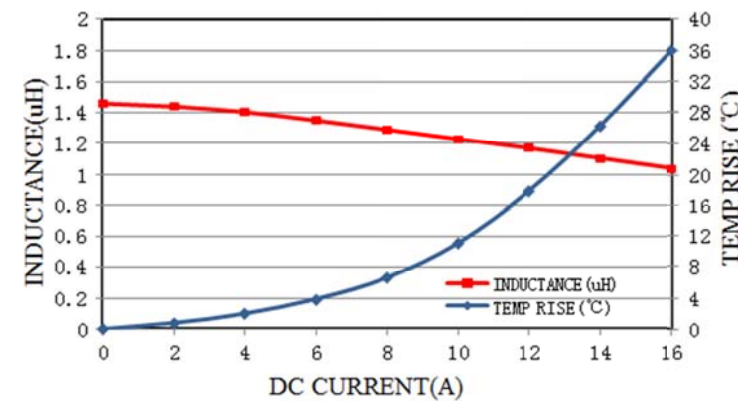
EM-33BM07V03



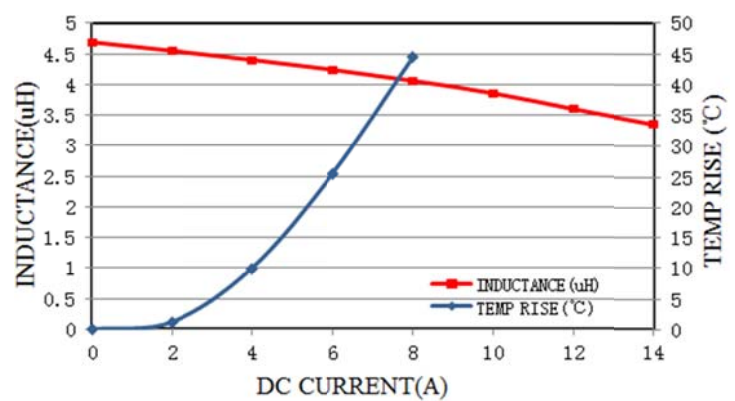
EM-10AM07V07



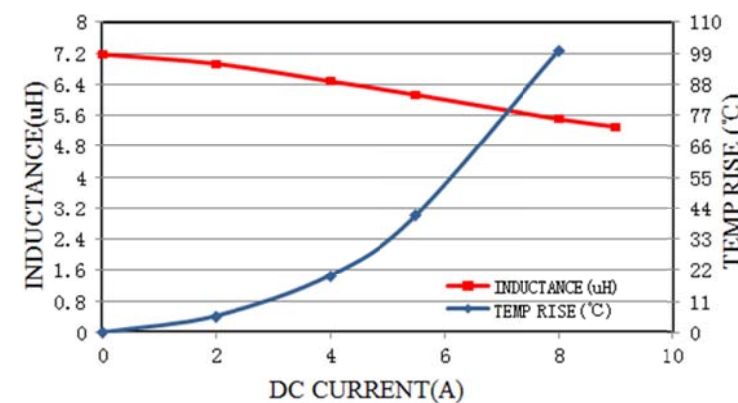
EM-15AM07V04



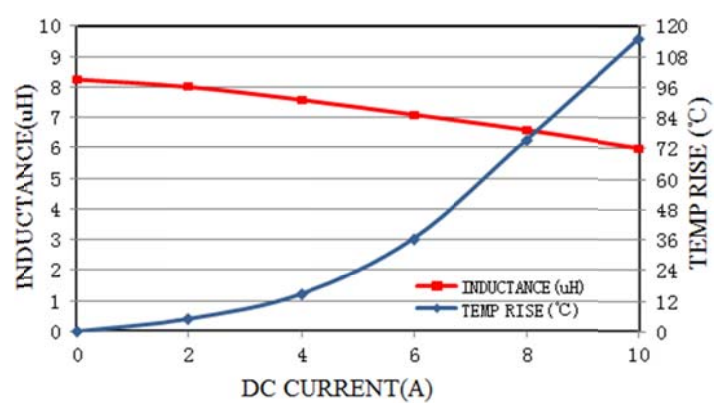
EM-47AM07V01



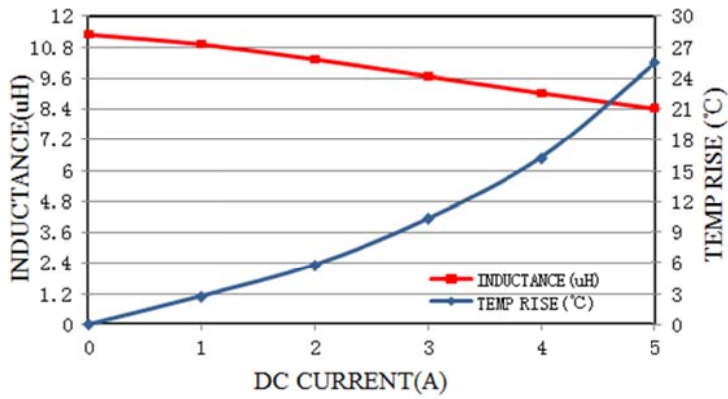
EM-68AM07V01



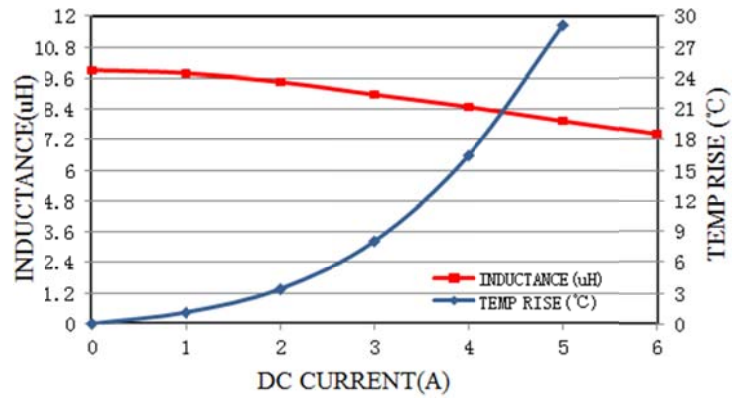
EM-82AM07V01



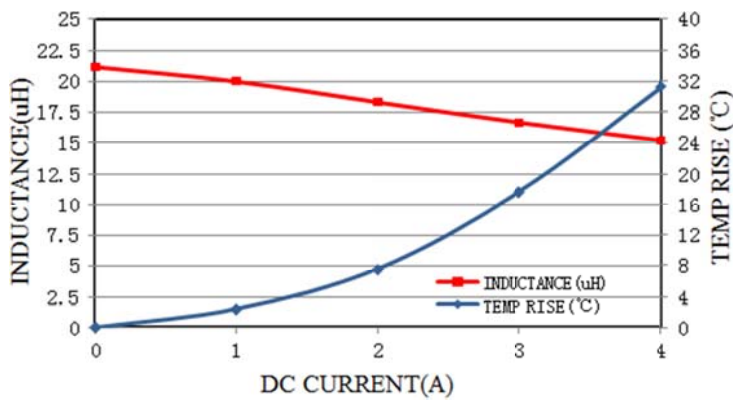
EM-100M07V01



EM-100M07V01

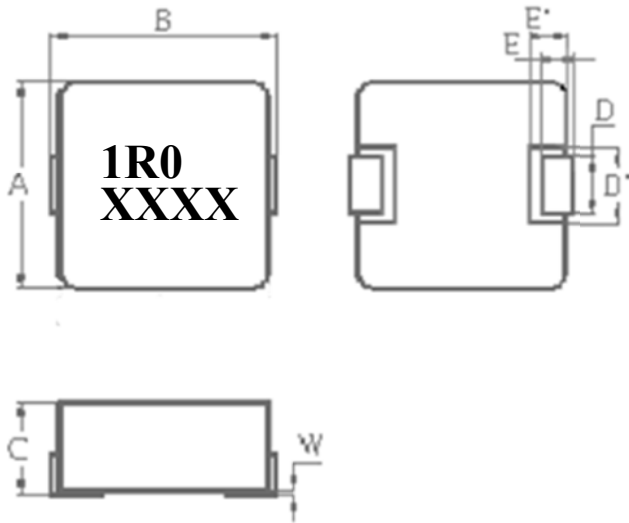


EM-220M07V01

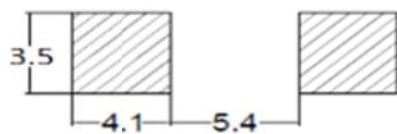


SMD Alloy Molding Power Inductor EM-08V Series (1040)

1. CONFIGURATIONS & DIMENSIONS



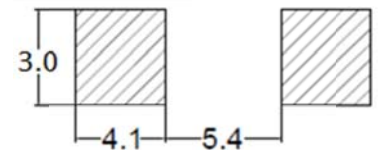
Code	Dimensions(mm)						
	R10/R18/R22/R30/ R33/R36/R45/R47/ R50/R56/R68/R82/ R88/1R2/1R5/1R8/ 2R5/2R7/4R3/4R7/ 5R6/8R2/150/220	R23	2R2	2R4/6R8/100/33 0/470/680/101	3R3	R15	R19/1R0
A:	10.0±0.3						
B:	11.5MAX					11.6MAX	11.8MAX
C:	4.0MAX						
E:	2.0±0.5						
E':	2.5±0.1						
D :	3.0±0.5	4.0±0.5	2.5±0.5	3.0±0.3	3.0±0.4	4.0±0.5	3.0±0.5
D' :	5.0±0.2						
W:	0.15±0						



SUGGEST PCB PATTERN



SUGGEST PCB PATTERN



SUGGEST PCB PATTERN


TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%±

2. SPECIFICATIONS

Part Number	Inductance L0(uH)± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25°C
EM-10BM08V01	0.10	50	85	0.53max
EM-15BM08V06	0.15	50	75	0.46±5%
EM-18BM08V02	0.18	48	70	0.63±5%
EM-19BM08V05	0.19	40	90	0.95max
EM-22BM08V026	0.22	35	65	0.9±5%
EM-23BM08V01	0.23	31	50	0.6±10%
EM-30BM08V04	0.30	30	65	1.08±7%
EM-33BM08V02	0.33	32	60	1.1±5%
EM-36BM08V23	0.36	33	60	1.05±5%
EM-45BM08V05	0.45	27	54	1.5±10%
EM-47BM08V05	0.47	27	50	1.5±10%
EM-50BM08V01	0.50	24	40	1.55±10%
EM-56BM08V07	0.56	25	40	1.8max
EM-68BM08V06	0.68	23	39	2.1±10%
EM-82BM08V03	0.82	25	30	2.05±10%
EM-88BM08V05	0.88	20	38	3.0max
EM-10AM08V15	1.00	22.5	28	2.3±7%
EM-12AM08V01	1.20	20	30	3.2±10%
EM-15AM08V11	1.50	16	32	5.0max
EM-18AM08V01	1.80	16	18	4.2±10%
EM-22AM08V09	2.20	12	27	7.0max
EM-24AM08V01	2.40	13	20	6.8±10%
EM-25AM08V03	2.50	12	23	7.5±10%
EM-27AM08V01	2.70	14	16	6.6±10%
EM-33AM08V07	3.30	10	16	8.3±10%
EM-43AM08V01	4.30	9	16	13.3±10%
EM-47AM08V11	4.70	9.5	17	16max
EM-56AM08V02	5.60	8	14	23max
EM-68AM08V04	6.80	8	15	23.3max
EM-82AM08V01	8.20	7.5	13	21.1±10%

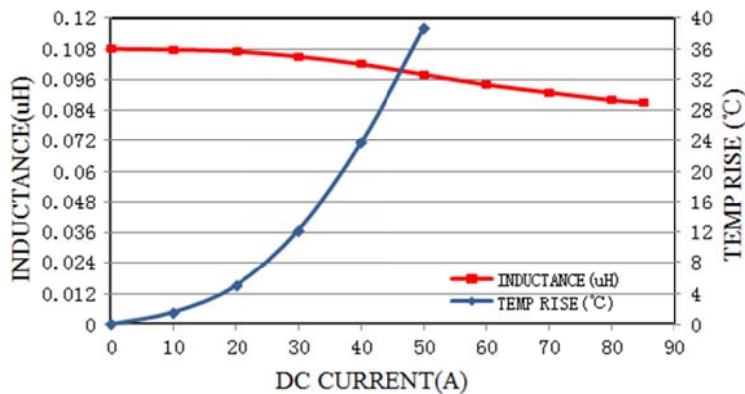
EM-100M08V04	10.00	6	10	28±10%
EM-150M08V01	15.00	4.6	9	50±10%
EM-220M08V04	22.00	5	5.5	66max
EM-330M08V04	33.00	4	5	94.5max
EM-470M08V04	47.00	3	4	145max
EM-680M08V02	68.00	2.6	3.2	175max
EM-101M08V02	100.00	2.1	2.7	270max

Note:

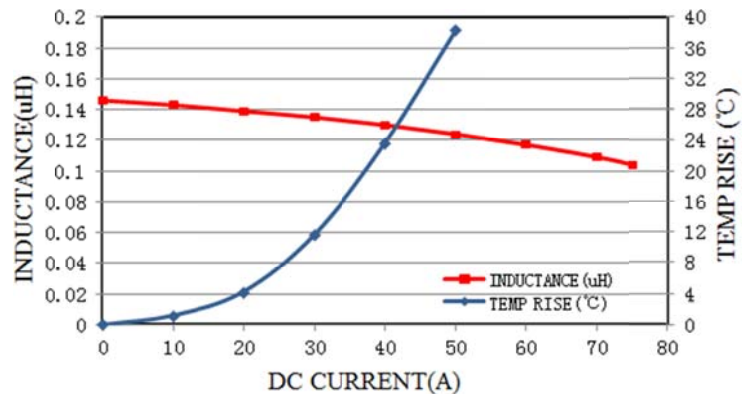
1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25°C ambient.
3. Temperature Rise Current: ΔT 40°C approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40°C ~ 85°C.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55°C ~ +125°C.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

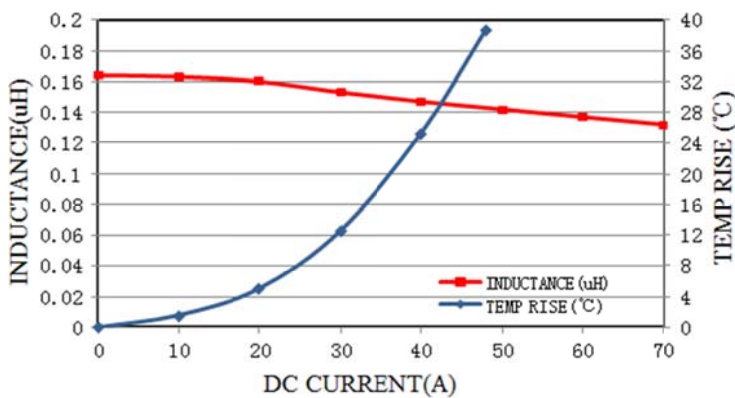
EM-10BM08V01



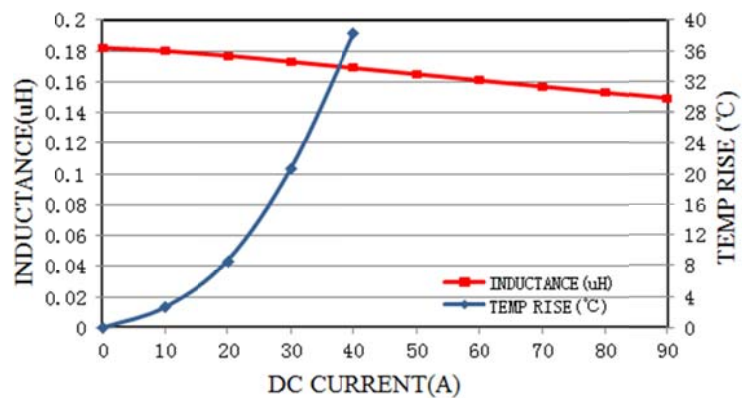
EM-15BM08V06



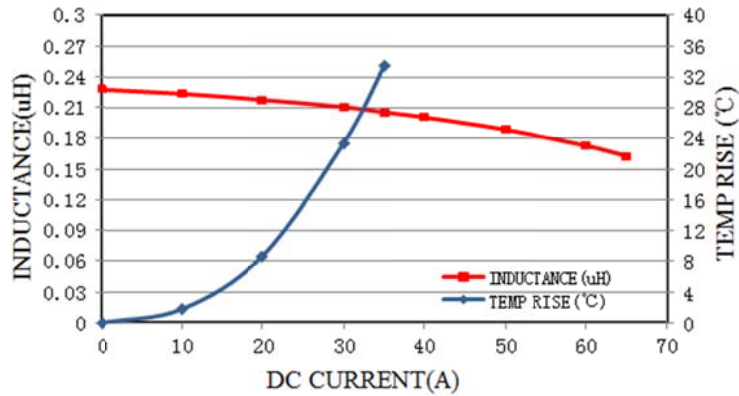
EM-18BM08V02



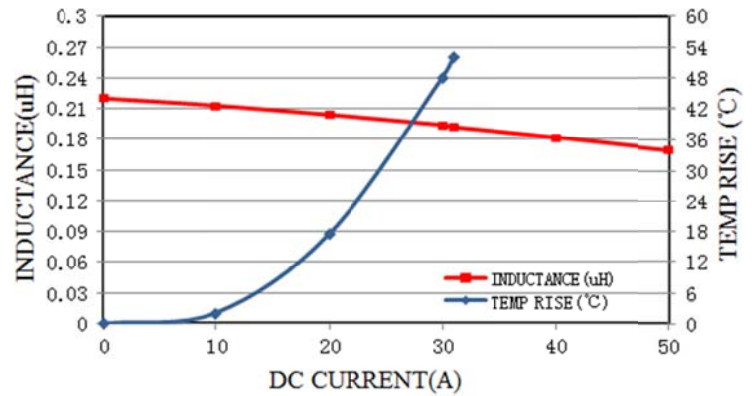
EM-19BM08V05



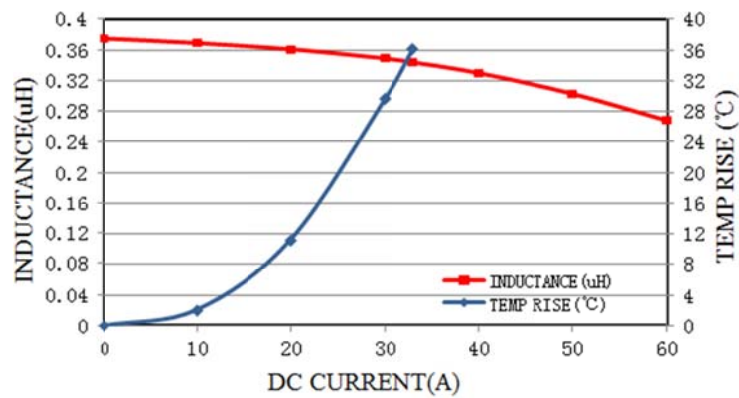
EM-22BM08V26



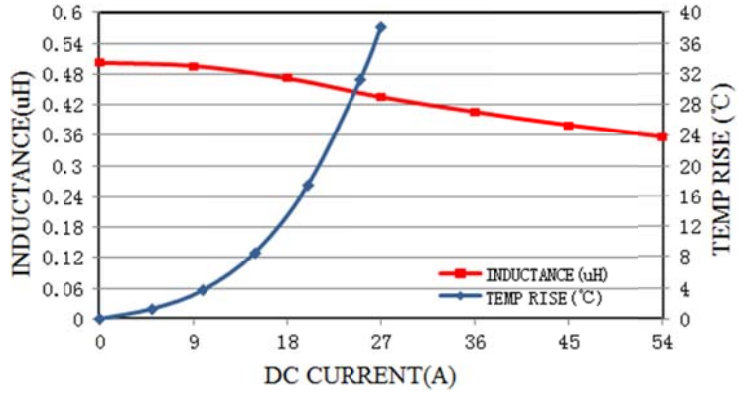
EM-23BM08V01



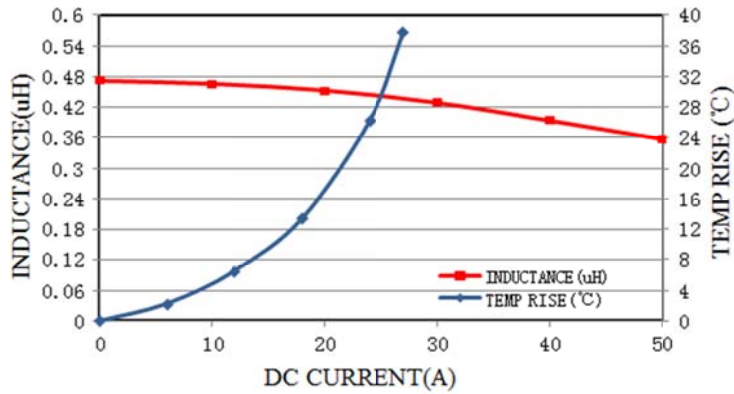
EM-36BM08V23



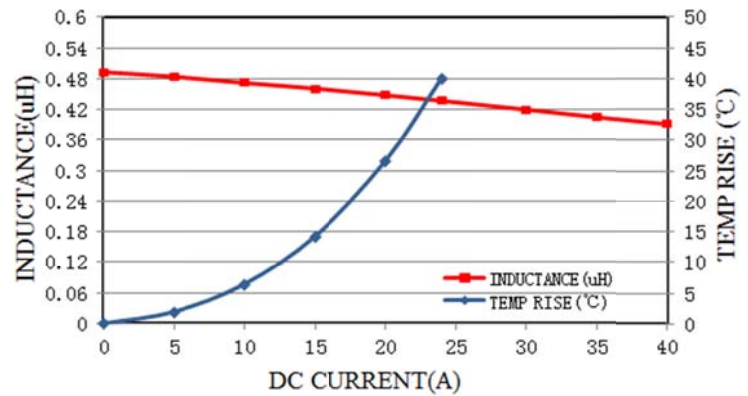
EM-45BM08V05



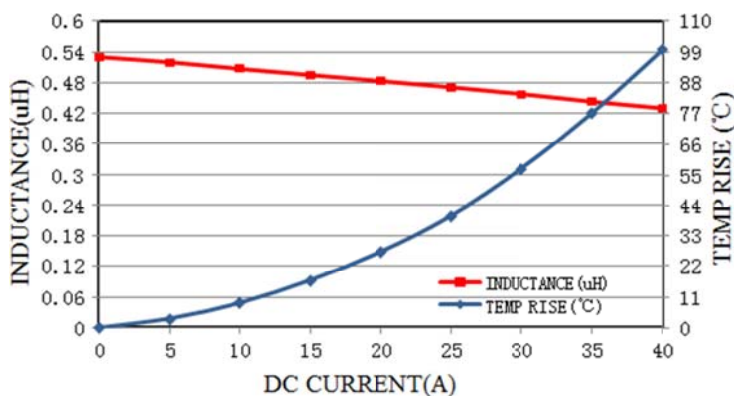
EM-47BM08V05



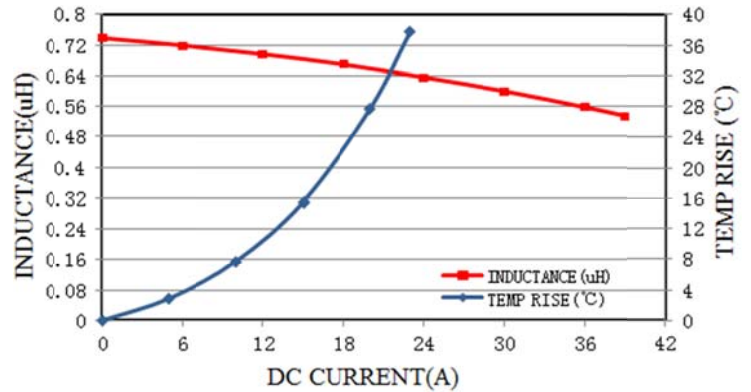
EM-50BM08V01



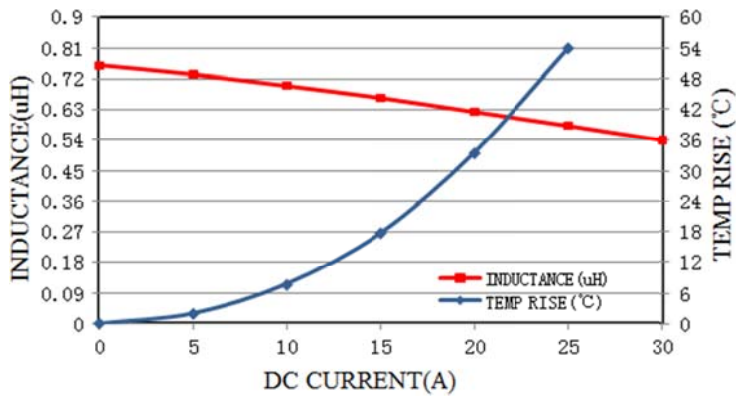
EM-56BM08V07



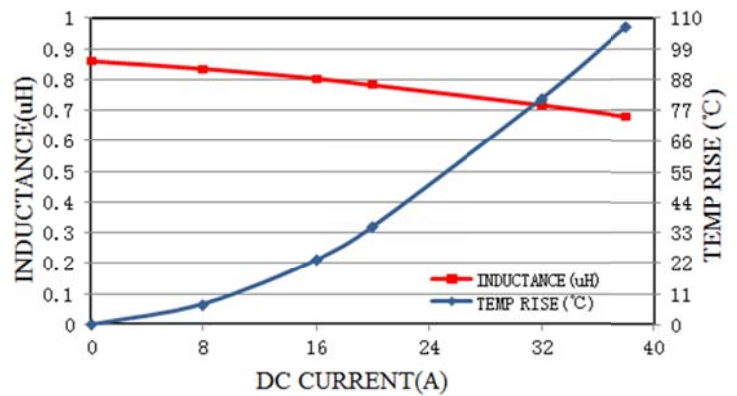
EM-68BM08V06



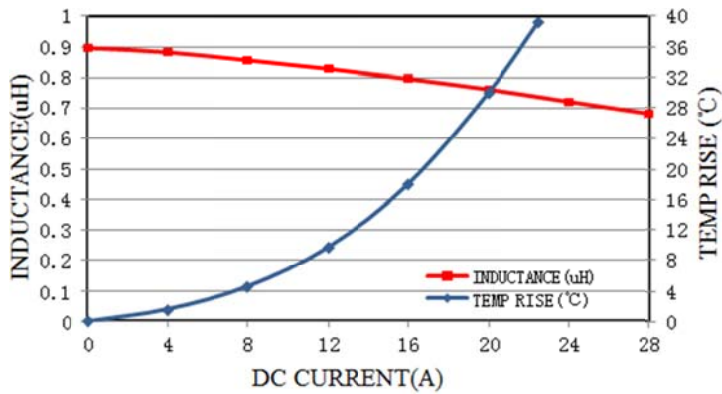
EM-82BM08V03



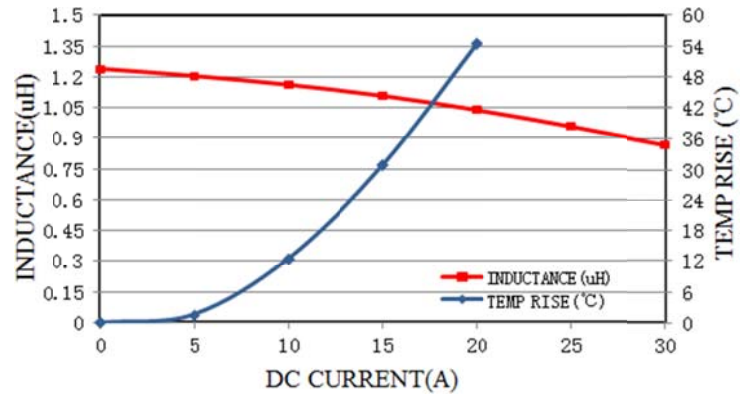
EM-88BM08V05



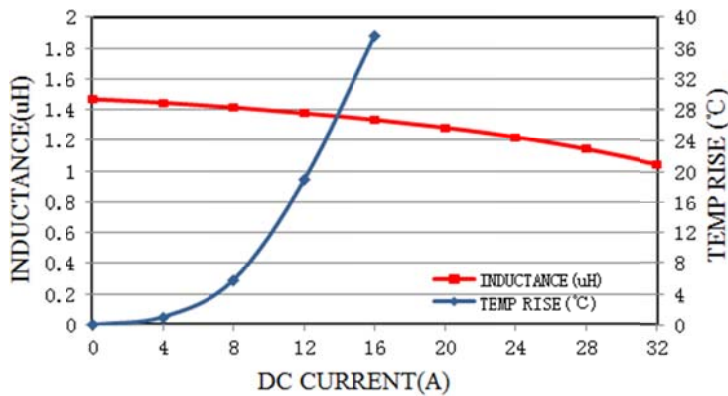
EM-10AM08V15



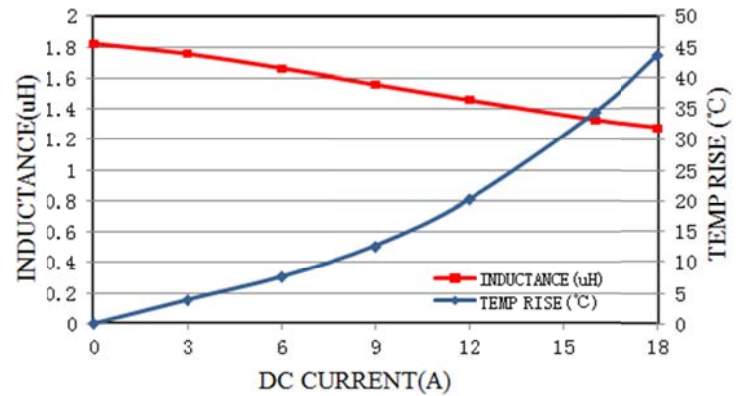
EM-12AM08V01



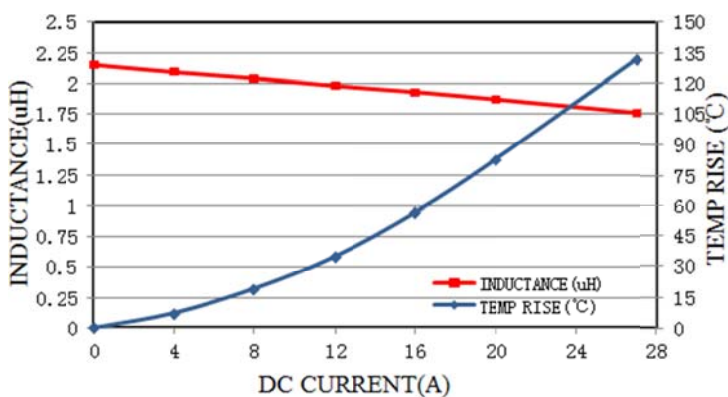
EM-15AM08V11



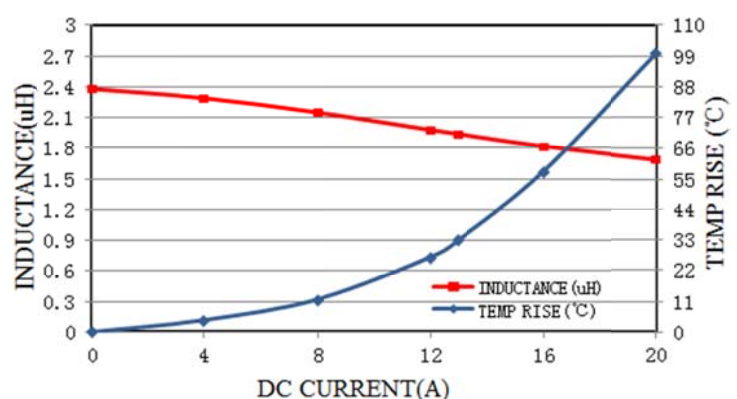
EM-18AM08V01



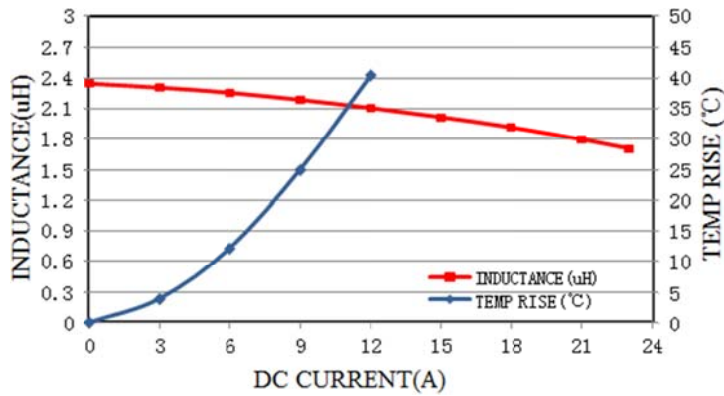
EM-22AM08V09



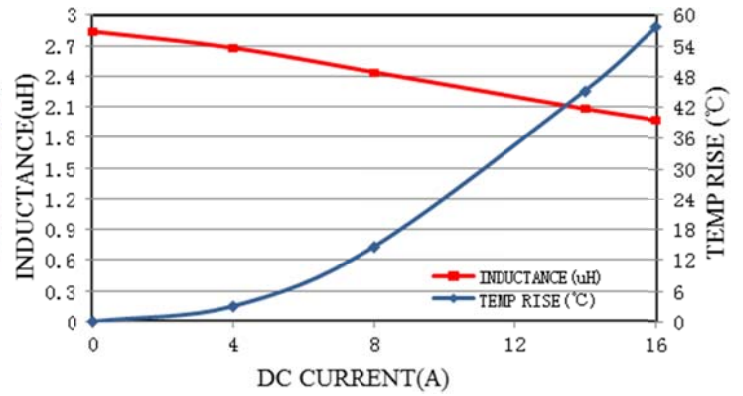
EM-24AM08V01



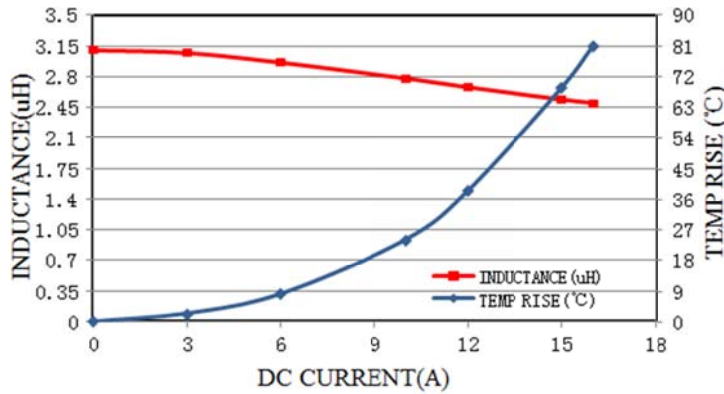
EM-25AM08V03



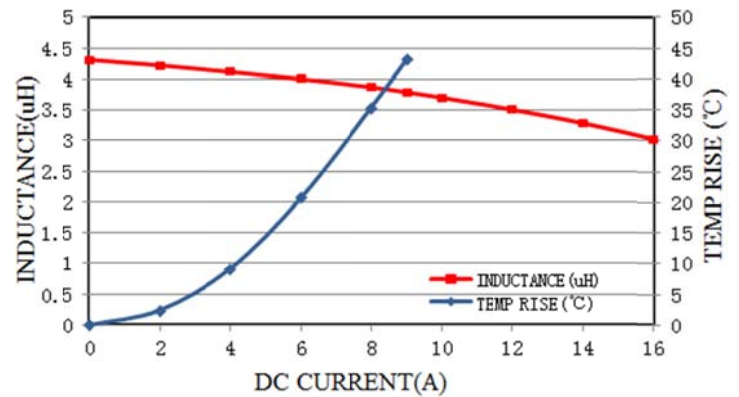
EM-27AM08V01



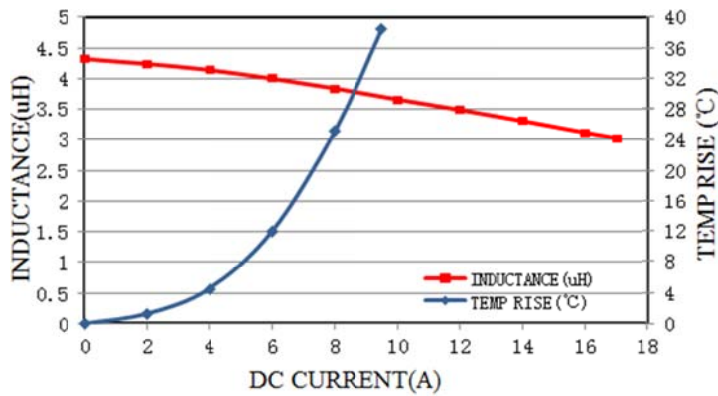
EM-33AM08V07



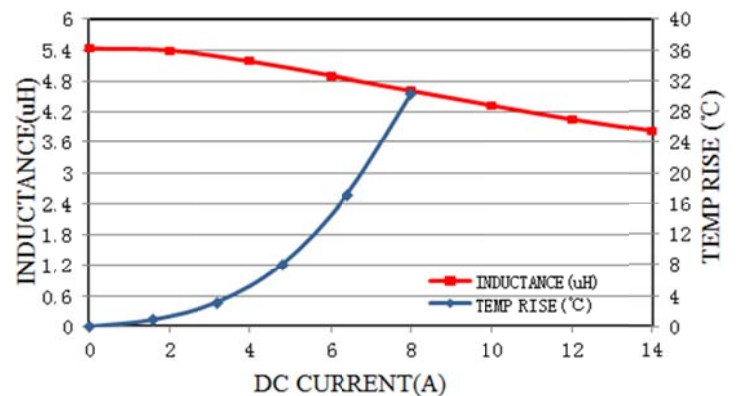
EM-43AM08V01



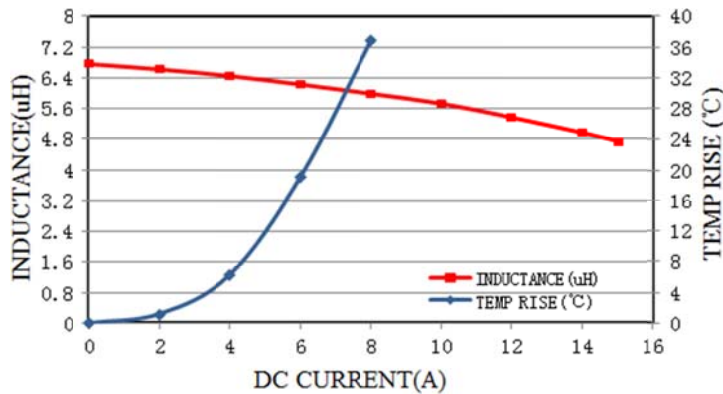
EM-47AM08V11



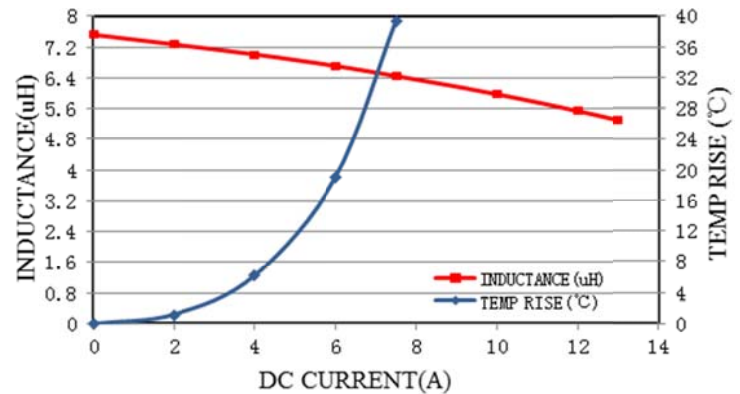
EM-56AM08V02



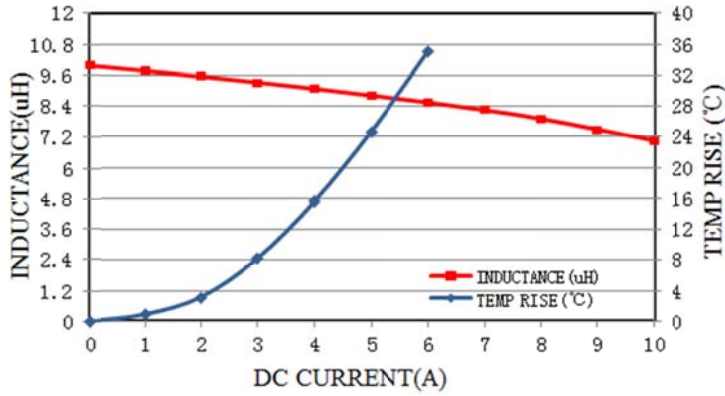
EM-68AM08V04



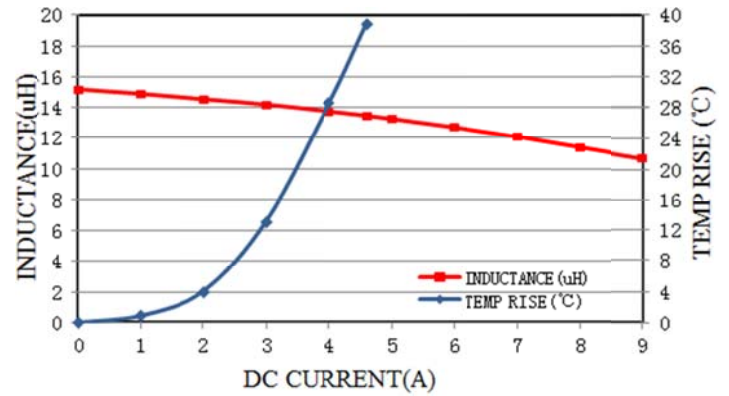
EM-82AM08V01



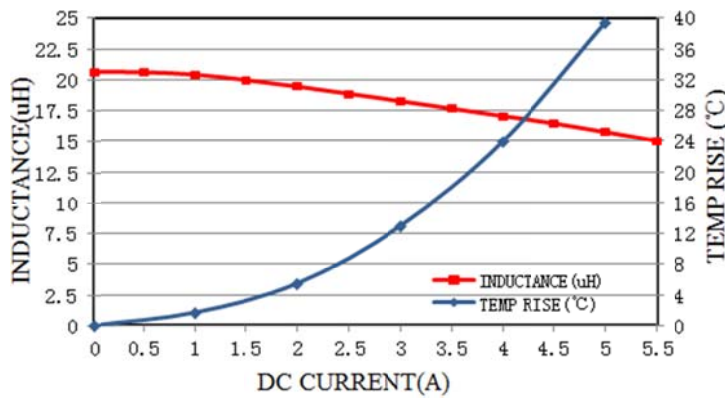
EM-100M08V04



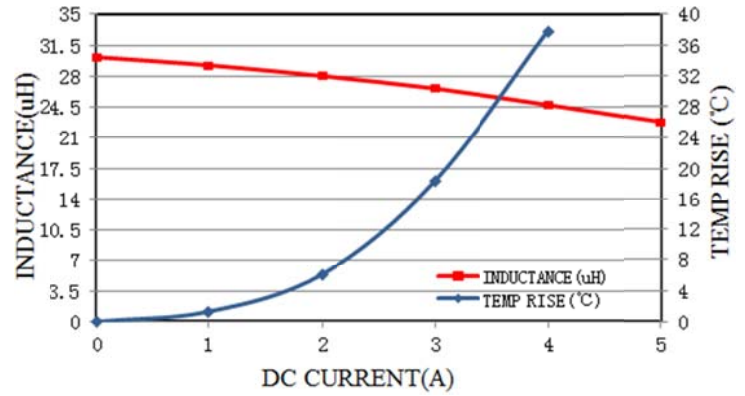
EM-150M08V01



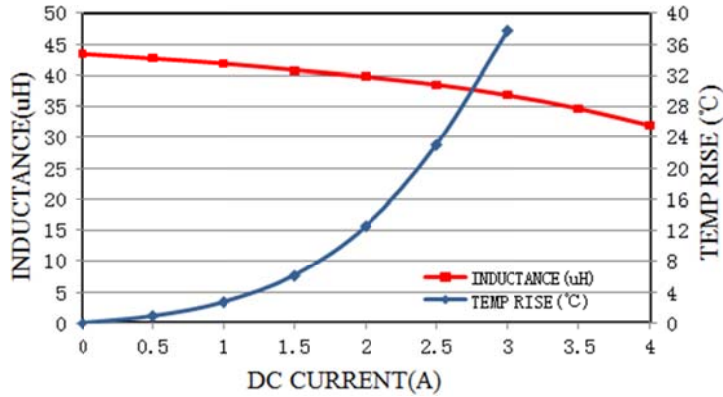
EM-220M08V04



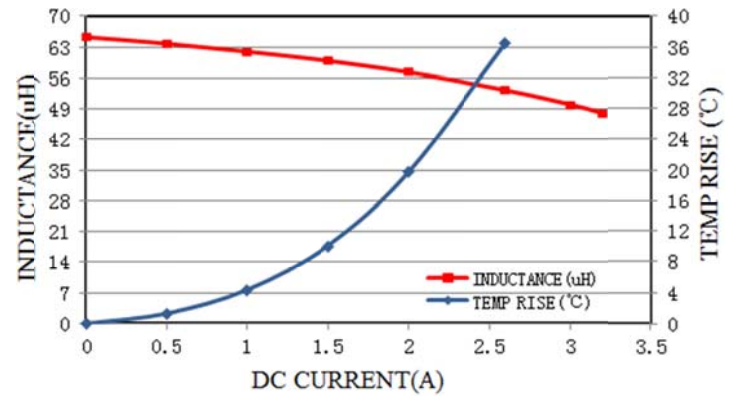
EM-330M08V04



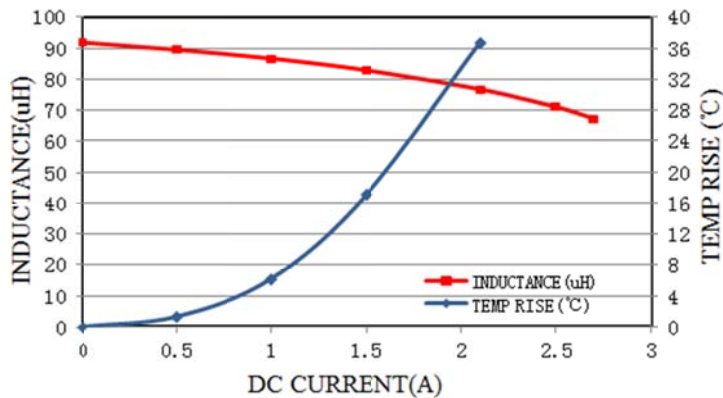
EM-470M08V04



EM-680M08V02

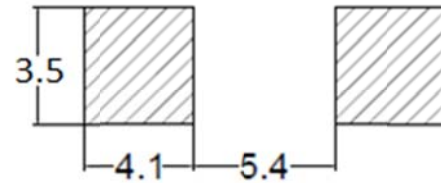
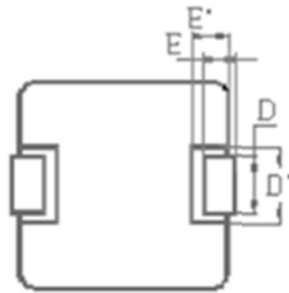
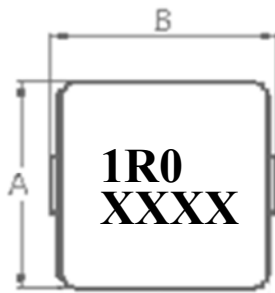


EM-101M08V02

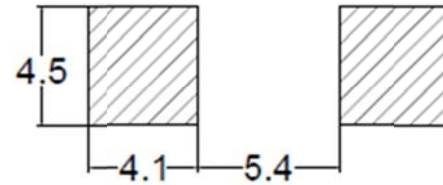


SMD Alloy Molding Power Inductor EM-09V Series (1050)

1. CONFIGURATIONS & DIMENSIONS



SUGGEST PCB PATTERN



SUGGEST PCB PATTERN

Code	Dimensions(mm)					
	R22/R80/1R0/1R5/2R2/100/530/680	R47/R50/R68/R72/1R2/3R3/220/470	150/330	R30/R36	4R7/6R5	R51
A:	10.0±0.3					8.8±0.2
B:	11.8MAX	11.5MAX	11.6MAX	11.3±0.3	11.5MAX	11.5MAX
C:	5.0MAX					5.2MAX
E:	2.0±0.5					
E':	2.5±0.1					
D:	3.0±0.5			4.0±0.5	3.0±0.3	3.0±0.5
D':	5.0±0.2					
W:	0.15±0					

XX - XXX X XX X XX - XX

Customer name code
 Internal serial No.
 Material code
 Dimension code
 Tolerance code
 Characteristic code
 Series code

TOLERANCE CODE:

J:±5% K:±10% L:±15%
 M:±20% N:±30%

2. SPECIFICATIONS

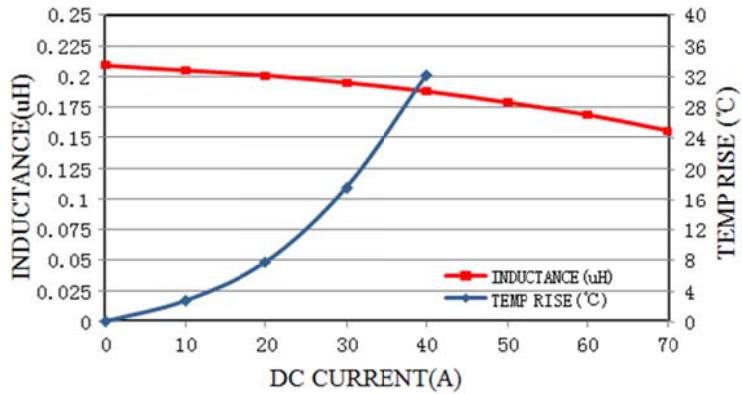
Part Number	Inductance L0(uH)± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25°C
EM-22BM09V01	0.22	40	70	0.65±5%
EM-30BM09V04	0.30	38	65	0.6±8%
EM-36BM09V02	0.36	40	50	0.77±7%
EM-47BM09V01	0.47	36	50	0.88±10%
EM-50BM09V01	0.50	32	40	1.1±10%
EM-51BM09V01	0.51	25	40	1.18±10%
EM-68BM09V01	0.68	28	35	1.9max
EM-72BM09V01	0.72	28	35	2.3max
EM-80BM09V02	0.80	24	35	2.5max
EM-10AM09V01	1.00	24	28	2.2±10%
EM-12AM09V01	1.20	22	26	2.9max
EM-15AM09V02	1.50	20	22	2.6±10%
EM-22AM09V01	2.20	17	20	4.6max
EM-33AM09V01	3.30	14	16	10max
EM-47AM09V02	4.70	10	12	12.6max
EM-65AM09V01	6.50	9	12	13.1±10%
EM-100M09V01	10.00	7.5	11	24max
EM-150M09V01	15.00	6.5	7	41max
EM-220M09V04	22.00	4.5	6	71max
EM-330M09V01	33.00	4	5	119max
EM-470M09V03	47.00	3.3	5	145max
EM-530M09V01	53.00	3	4.5	150max
EM-680M09V01	68.00	2.9	4.6	210max

Note:

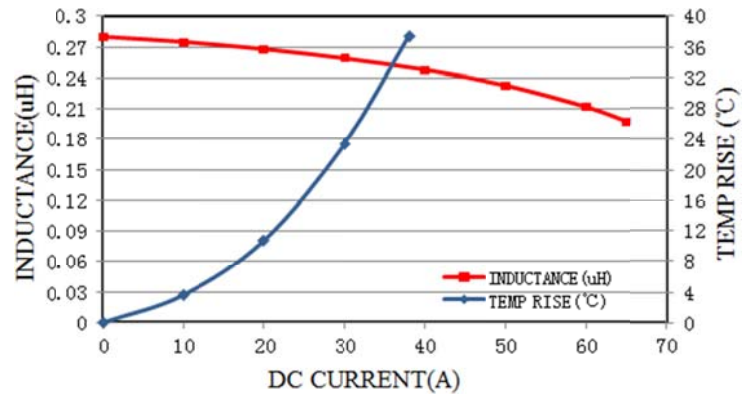
1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25°C ambient.
3. Temperature Rise Current: ΔT 40°C approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40°C ~ 85°C.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55°C~ +125°C.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

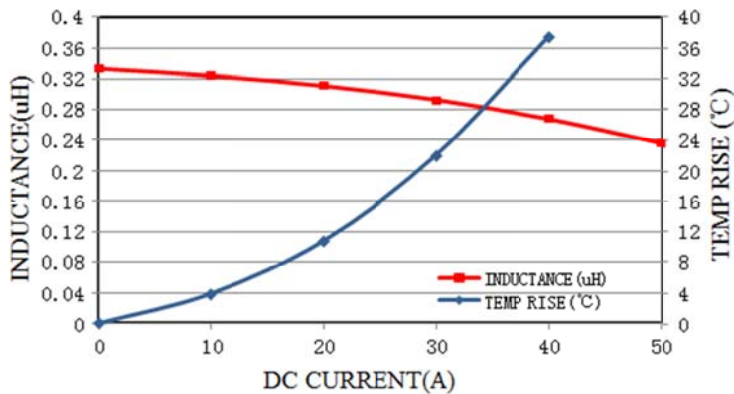
EM-22BM09V01



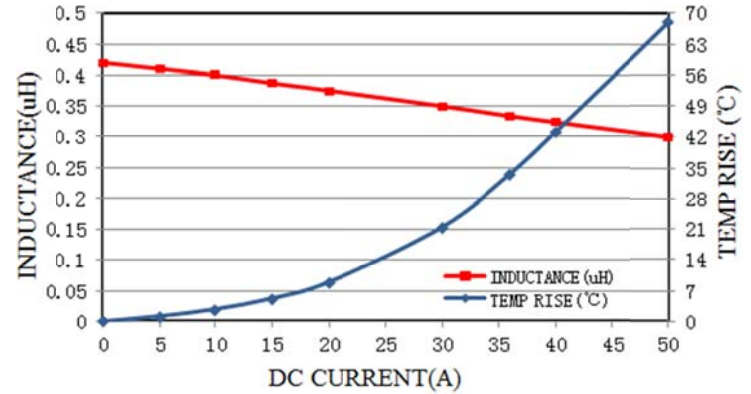
EM-30BM09V04



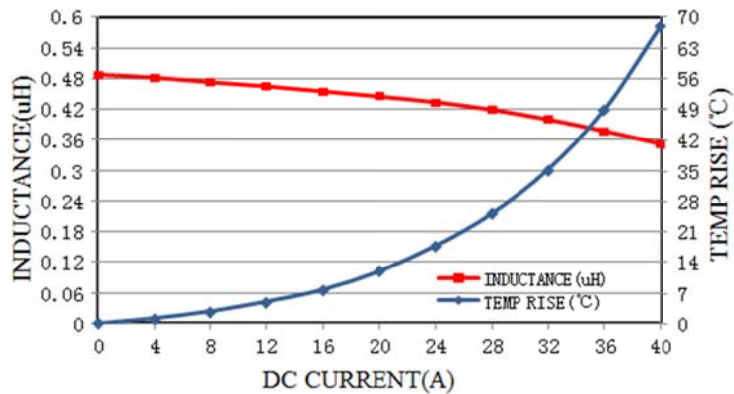
EM-36BM09V02



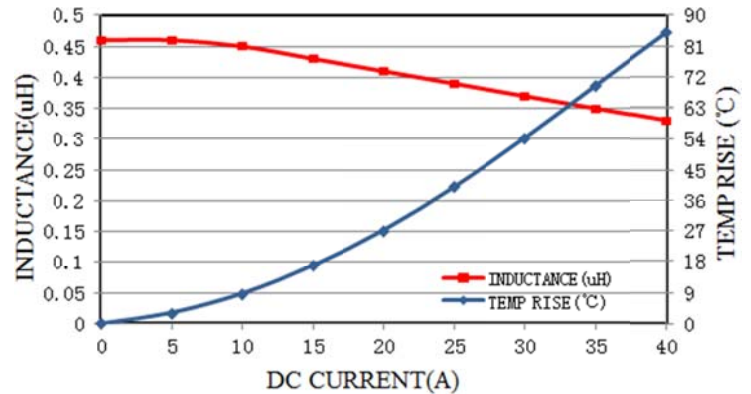
EM-47BM09V01



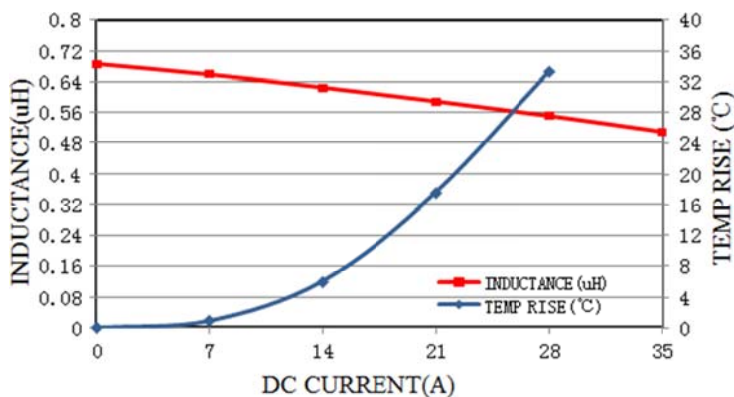
EM-50BM09V01



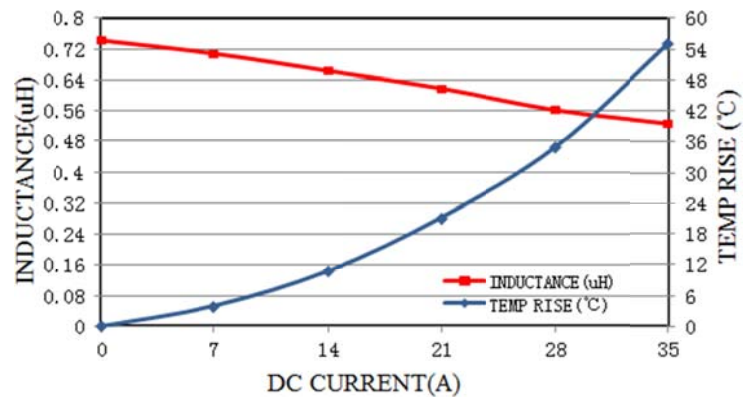
EM-51BM09V01



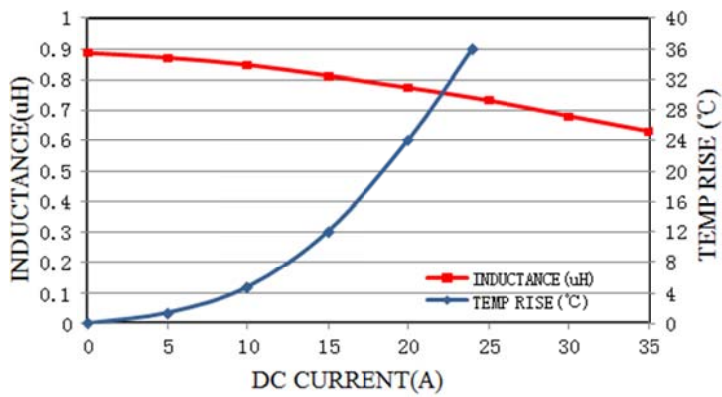
EM-68BM09V01



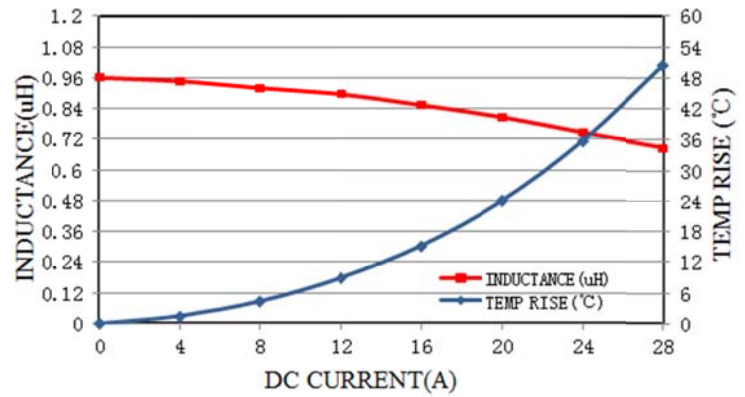
EM-72BM09V01



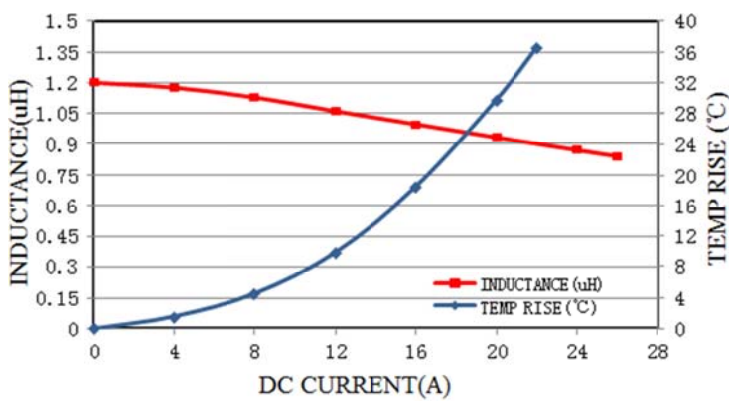
EM-80BM09V02



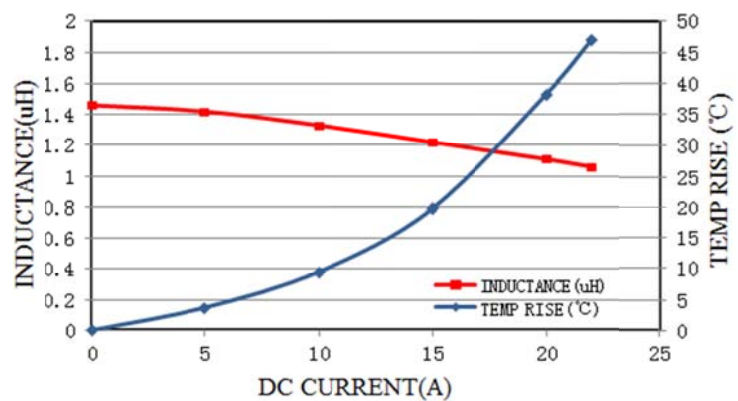
EM-10AM09V01



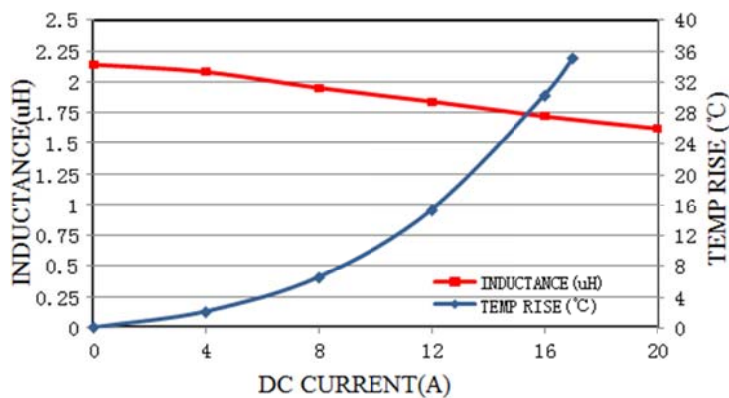
EM-12AM09V01



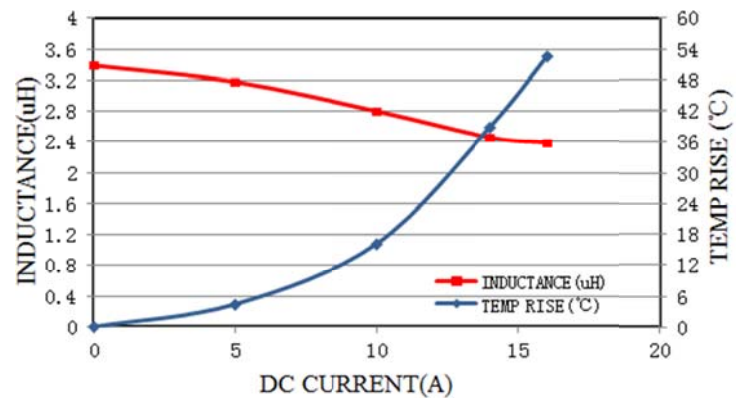
EM-15AM09V02



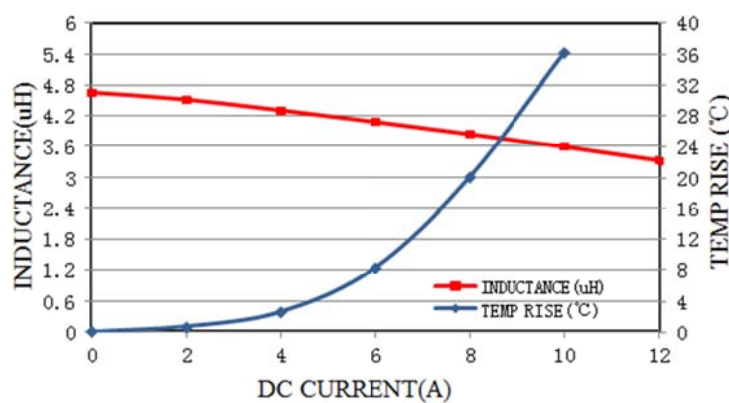
EM-22AM09V01



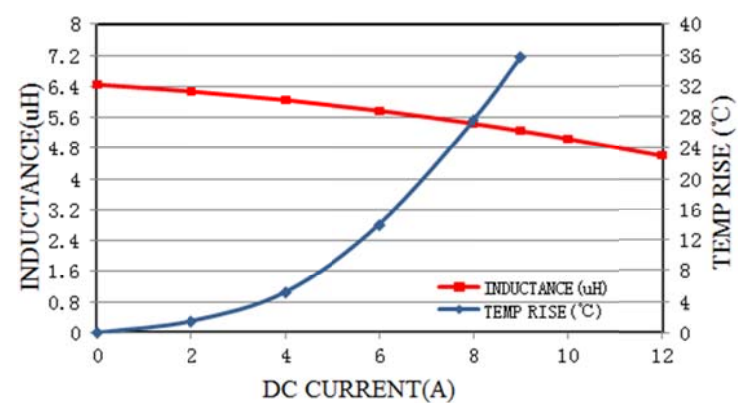
EM-33AM09V01



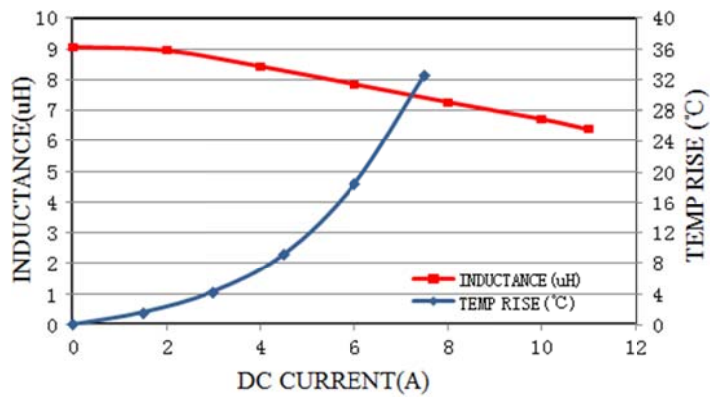
EM-47AM09V02



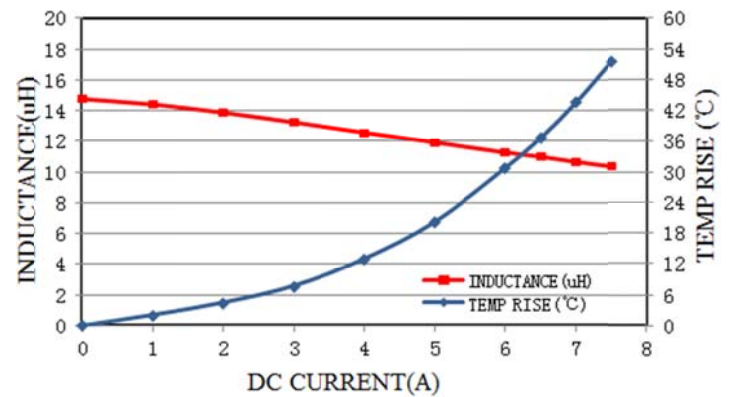
EM-65AM09V01



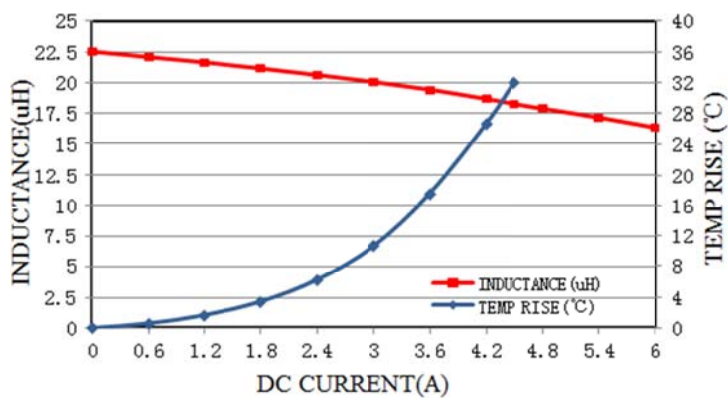
EM-100M09V01



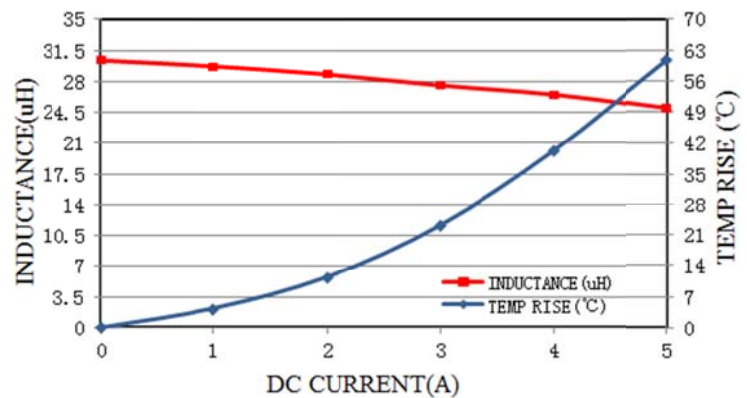
EM-150M09V01



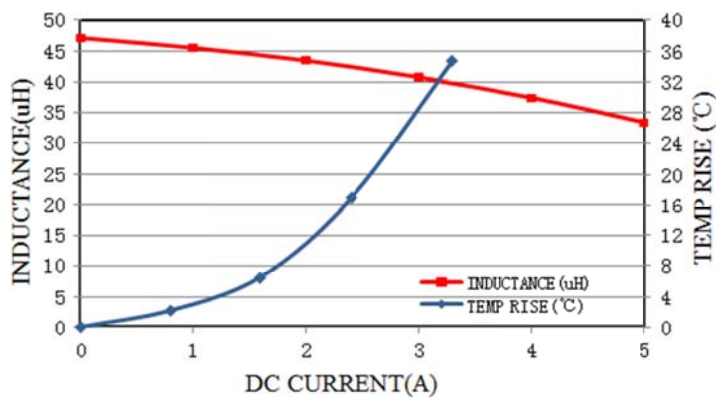
EM-220M09V04



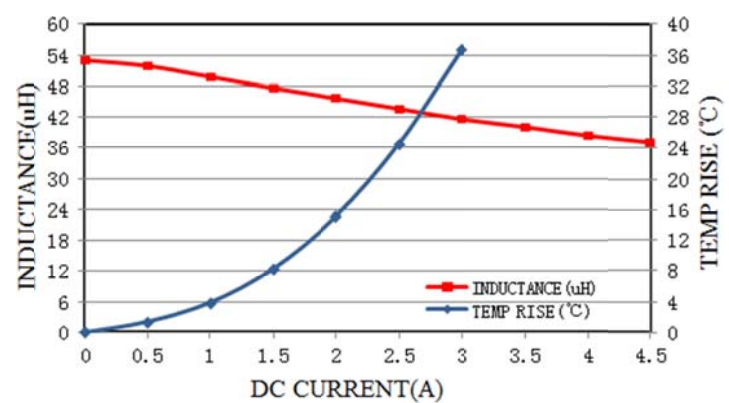
EM-330M09V01



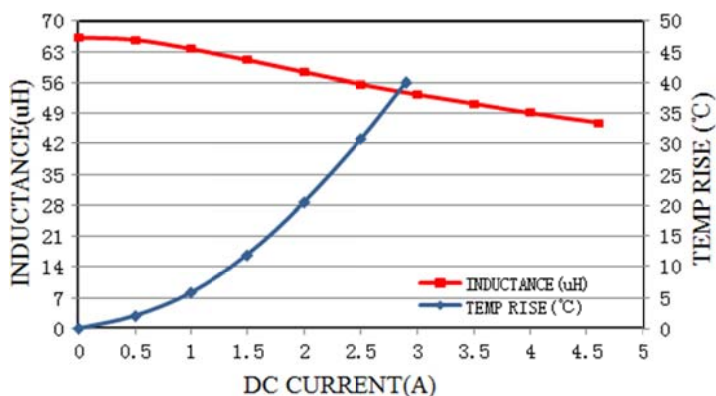
EM-470M09V03



EM-530M09V01

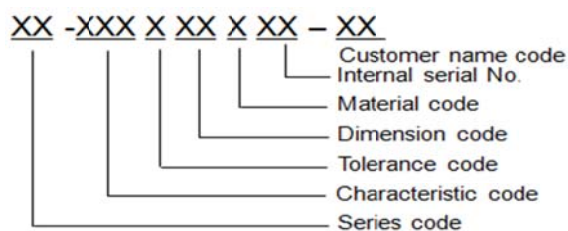
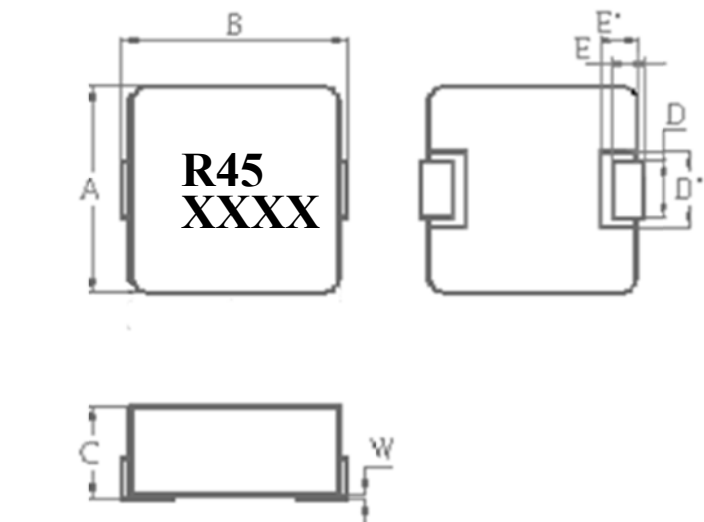


EM-680M09V01



SMD Alloy Molding Power Inductor EM-60V Series (1060)

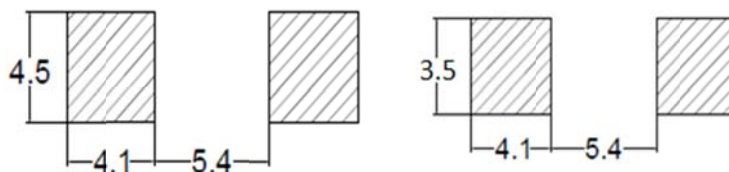
1. CONFIGURATIONS & DIMENSIONS



TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%

Code	Dimensions(mm)		
	R45	R75	6R8
A:	10.0±0.3		
B:	11.8MAX		
C:	6.0MAX		
E:	2.1±0.5		
E':	2.5±0.1		
D :	4.0±0.5	3.0±0.5	3.0±0.3
D' :	5.0±0.2		
W:	0.15±0		



SUGGEST PCB

SUGGEST PCB

2. SPECIFICATIONS

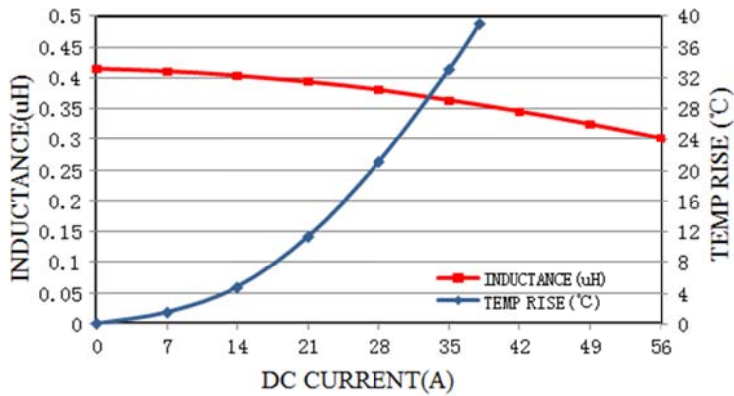
Part Number	Inductance L0(uH) ± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25°C
EM-45BM60V02	0.45	38	56	0.76 ± 7%
EM-75BM60V01	0.75	25	33	1.8max
EM-68AM60V01	6.80	10	13.5	14max

Note:

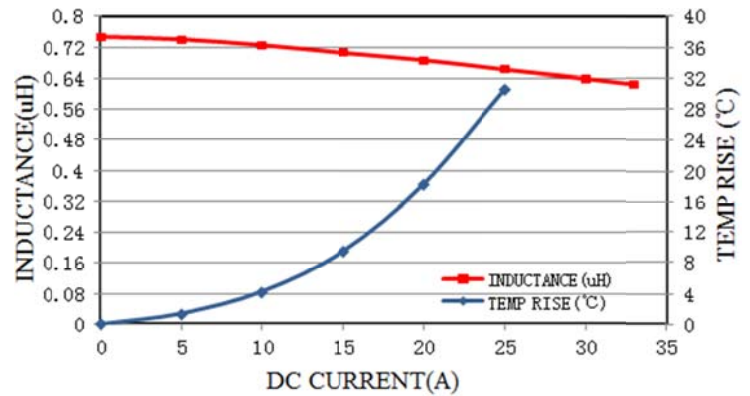
1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25°C ambient.
3. Temperature Rise Current: ΔT 40°C approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40°C ~ 85°C.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55°C ~ +125°C.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

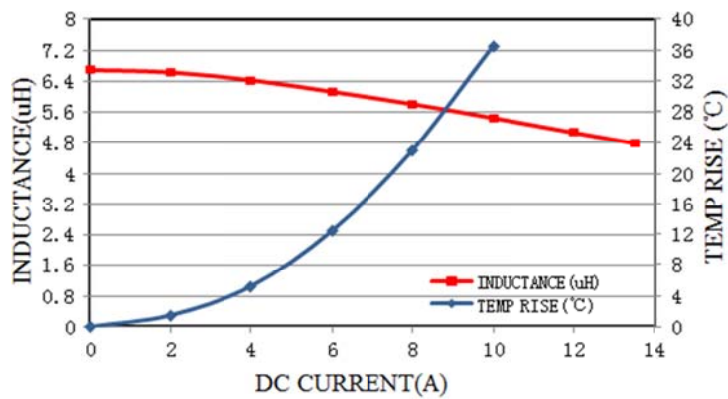
EM-45BM60V02



EM-75BM60V01

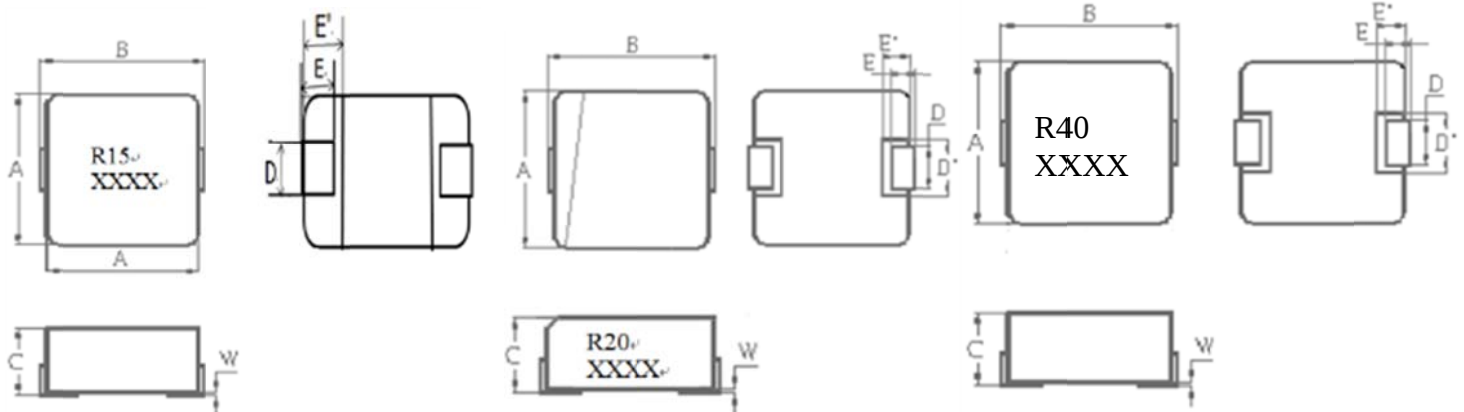


EM-68AM60V01



SMD Alloy Molding Power Inductor EM-41V Series (1070)

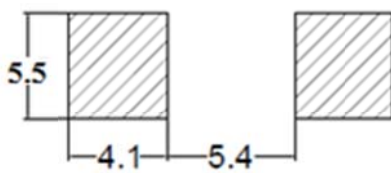
1. CONFIGURATIONS & DIMENSIONS



Code	Dimensions(mm)	
	R15	R22
A:	10.0 ± 0.3	
B:	11.5 ± 0.3	
C:	6.5MAX	6.7 ± 0.3
E:	2.2 ± 0.5	2.2 ± 0.3
E':	2.6 ± 0.1	2.5 ± 0.1
D:	5.0 ± 0.5	5.0 ± 0.3
W:	0.15 ± 0	

Code	Dimensions(mm)	
	R20	R30
A:	10.0 ± 0.3	
B:	11.5 ± 0.3	
C:	6.7 ± 0.3	
E:	2.2 ± 0.3	2.2 ± 0.5
E':	2.5 ± 0.1	2.6 ± 0.1
D:	4.0 ± 0.3	4.0 ± 0.5
D':	5.0 ± 0.2	
W:	0.15 ± 0	

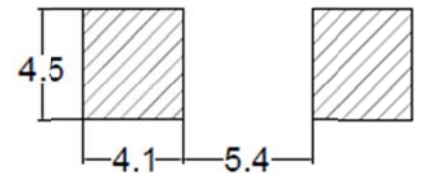
Code	Dimensions(mm)	
	R40	101
A:	10.0 ± 0.3	
B:	11.3 ± 0.3	
C:	6.7 ± 0.3	
E:	2.2 ± 0.3	2.1 ± 0.5
E':	2.5 ± 0.1	
D:	4.0 ± 0.3	3.0 ± 0.3
D':	5.0 ± 0.2	
W:	0.15 ± 0	



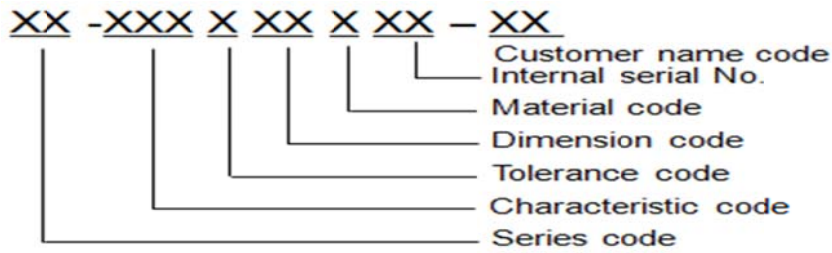
SUGGEST PCB PATTERN



SUGGEST PCB PATTERN



SUGGEST PCB PATTERN


TOLERANCE CODE:

J:±5% K:±10% L:±15%
M:±20% N:±30%±

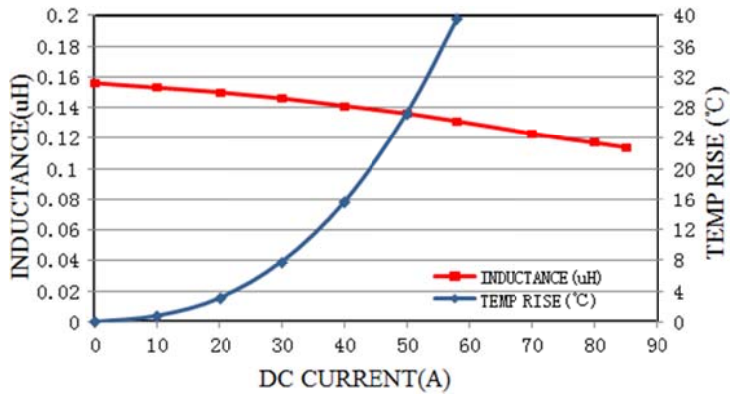
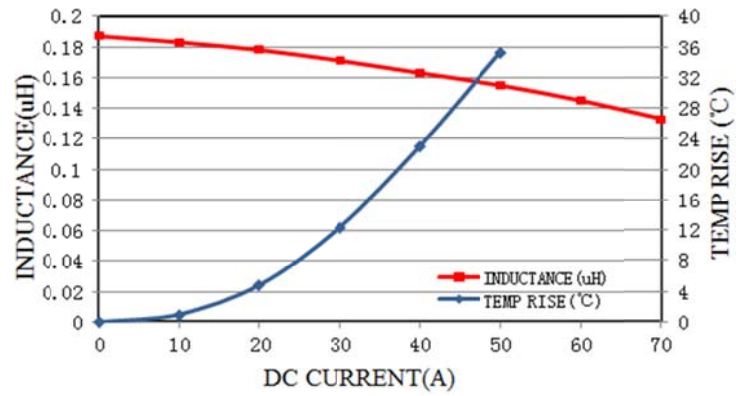
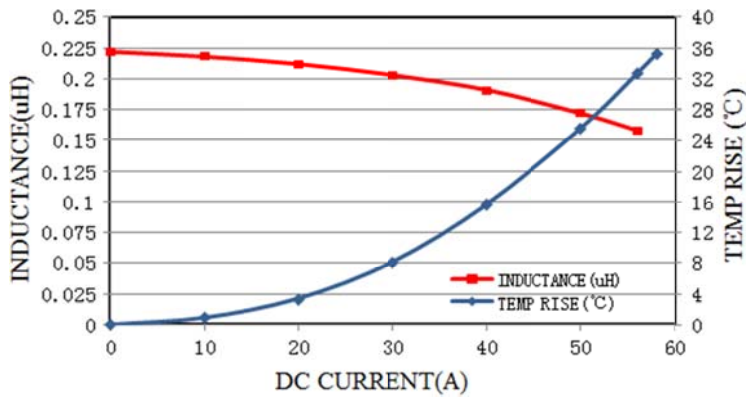
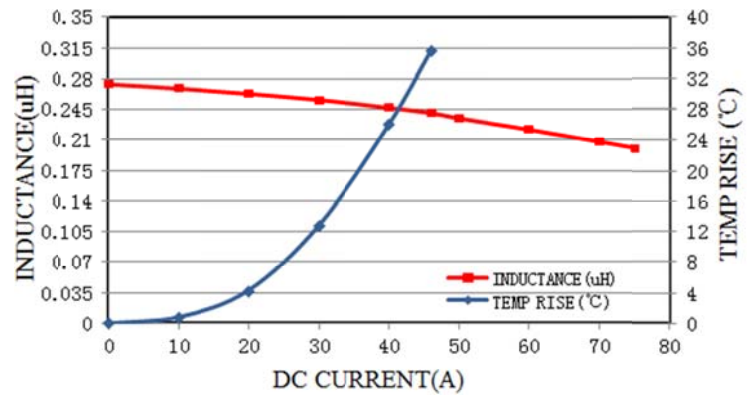
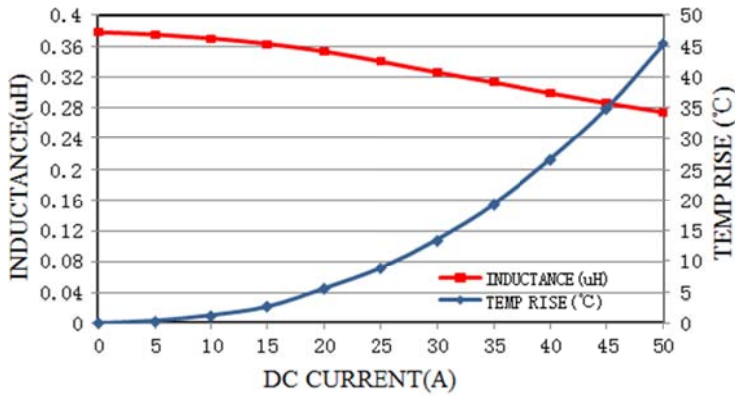
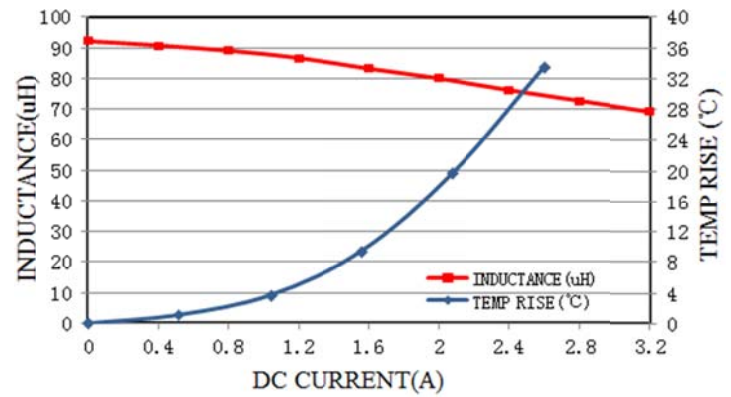
2. SPECIFICATIONS

Part Number	Inductance L0(uH)± 20%@0A	Irms(A) typ	Isat(A) typ	DCR(mΩ) @25℃
EM-15BM41V02	0.15	58	85	0.4±7%
EM-20BM41V01	0.20	50	70	0.51±10%
EM-22BM41V03	0.22	58	56	0.4±7%
EM-30BM41V01	0.30	46	75	0.62±7%
EM-40BM41V01	0.40	45	50	0.7±10%
EM-101M41V01	100.00	2.6	3.2	180max

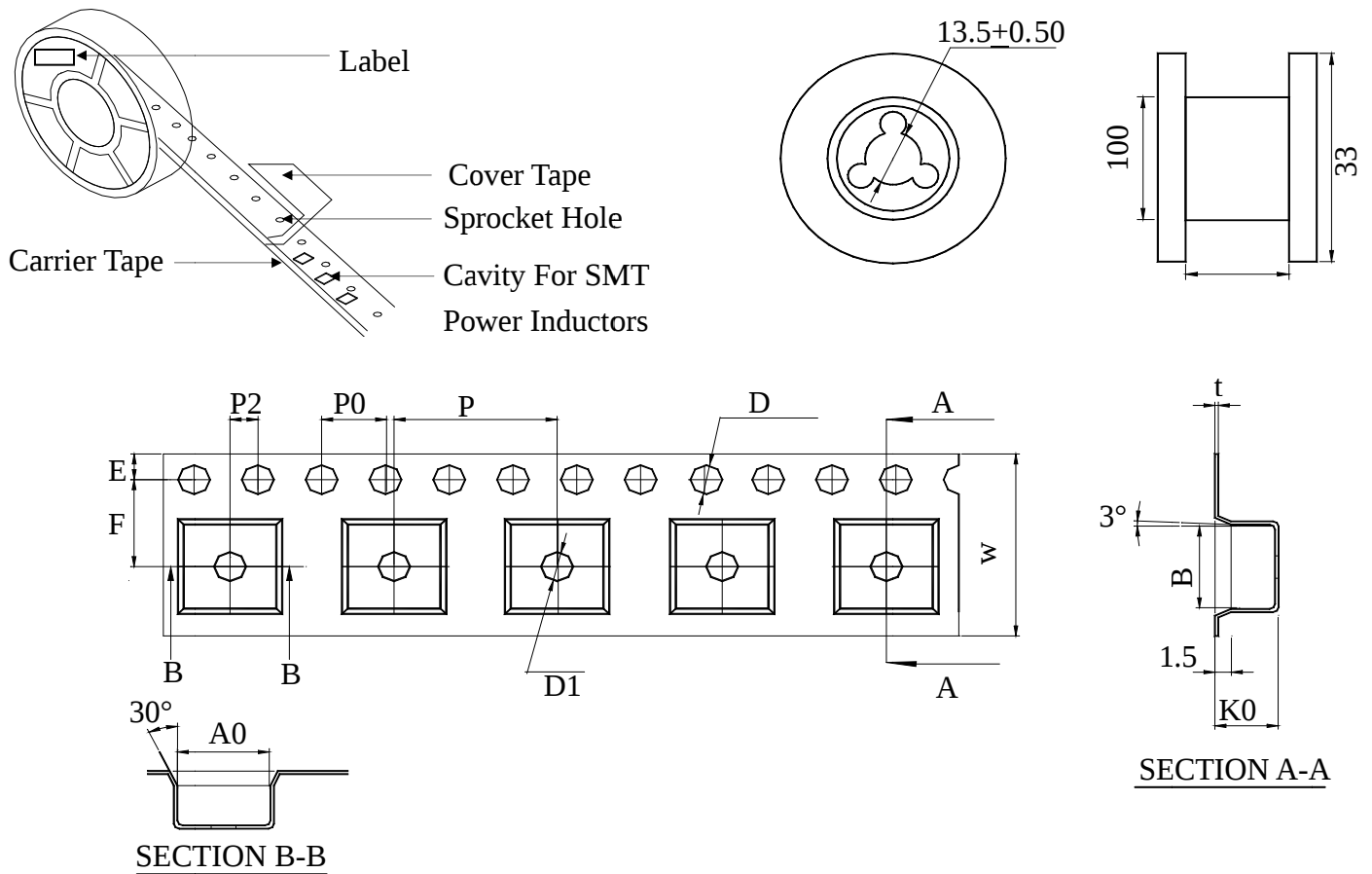
Note:

1. Test frequency: L: 100 KHz /1.0v.
2. All test data referenced to 25℃ ambient.
3. Temperature Rise Current: ΔT 40℃ approximately at Irms.
4. Saturation Rated Current: Inductance drop approximately 30% at Isat.
5. Storage temp.: -40℃ ~ 85℃.
6. Storage R.H: 20% ~ 75%.
7. Operating temp.: -55℃~ +125℃.
8. Special inquiries besides the above common used types can be met on your requirement.

3. DC Bias Characteristics (Typical)

EM-15BM41V02

EM-20BM41V01

EM-22BM41V03

EM-30BM41V01

EM-40BM41V01

EM-101M41V01


PACKAGING SPECIFICATION FOR SMD POWER INDUCTORS (unit: mm)



	W	P	E	F	A0	B0	K0	t
1015/EM-54V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.6±0.10	11.8±0.10	1.8±0.10	0.35±0.05
1020/EM-39V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.8±0.10	11.6±0.10	2.2±0.10	0.35±0.05
1024/EM-19V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.7±0.10	12±0.10	2.9±0.10	0.35±0.05
1030/EM-07V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.7±0.10	12±0.10	3.5±0.10	0.35±0.05
1040/EM-08V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.7±0.10	12±0.10	4.5±0.10	0.35±0.05
1050/EM-09V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.7±0.10	12±0.10	5.5±0.10	0.35±0.05
1060/EM-60V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.7±0.10	12±0.10	6.5±0.10	0.45±0.05
1070/EM-41V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.7±0.10	12±0.10	7.0±0.10	0.4±0.05
1070/EM-41V	24.0+0.10/-0.30	16.0±0.10	1.75±0.10	11.50±0.10	10.7±0.10	12±0.10	7.5±0.10	0.4±0.05

	1015/EM-54V	1020/EM-39V	1024/EM-19V	1030/EM-07V	1040/EM-08V	1050/EM-09V	1060/EM-60V	1070/EM-41V
Chip / Reel	1500 pcs	1500 pcs	500 pcs	500 pcs	500pcs	500pcs	500pcs	500/400pcs