



Ferrite Inductors

铁氧体功率电感器

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STANDARD PART NUMBERS 标准零件号码

TYPE DS85LCB (Quantity/reel; 500 PCS)

零件号码	电感值 ⁽¹⁾	公差	最大直流电阻 ⁽²⁾ (典型)	最大电感值减小电流 ⁽³⁾ (典型)	最大温度上升电流 ⁽³⁾ (典型)
Part Number	Inductance ⁽¹⁾ (μ H)	Tolerance (%)	DC Resistance ⁽²⁾ (m Ω) Max. (Typ.)	Inductance Decrease Current ⁽³⁾ (A) Max. (Typ.)	Temperature Rise Current ⁽³⁾ $\Delta T=40^\circ C$ (A) Max. (Typ.)
B1135AS-1R0N=P3	1.0	± 30	9.6 (8.0)	7.8 (10.4)	10.1 (13.4)
B1135AS-1R5N=P3	1.5	± 30	11 (9.3)	6.3 (8.4)	8.3 (11.0)
B1135AS-2R2N=P3	2.2	± 30	13 (11)	5.5 (7.3)	7.1 (9.5)
B1135AS-2R7N=P3	2.7	± 30	14 (12)	4.7 (6.3)	6.2 (8.3)
B1135AS-3R6N=P3	3.6	± 30	17 (14)	4.2 (5.6)	5.6 (7.4)
B1135AS-4R7N=P3	4.7	± 30	21 (17)	3.7 (5.0)	4.9 (6.6)
B1135AS-6R8N=P3	6.8	± 30	29 (25)	3.1 (4.1)	4.1 (5.4)
B1135AS-100M=P3	10	± 20	45 (38)	2.4 (3.2)	3.2 (4.3)
B1135AS-150M=P3	15	± 20	64 (53)	2.0 (2.7)	2.6 (3.5)
B1135AS-220M=P3	22	± 20	84 (70)	1.7 (2.3)	2.2 (3.0)
B1135AS-330M=P3	33	± 20	110 (90)	1.4 (1.9)	1.8 (2.4)
B1135AS-470M=P3	47	± 20	150 (125)	1.2 (1.6)	1.5 (2.1)
B1135AS-680M=P3	68	± 20	235 (195)	0.97 (1.3)	1.3 (1.7)
B1135AS-101M=P3	100	± 20	330 (275)	0.79 (1.1)	1.1 (1.4)

TYPE DS86C (Quantity/reel; 500 PCS)

零件号码	电感值 ⁽¹⁾	公差	最大直流电阻 ⁽²⁾ (典型)	最大电感值减小电流 ⁽³⁾ (典型)	最大温度上升电流 ⁽³⁾ (典型)
Part Number	Inductance ⁽¹⁾ (μ H)	Tolerance (%)	DC Resistance ⁽²⁾ (m Ω) Max. (Typ.)	Inductance Decrease Current ⁽³⁾ (A) Max. (Typ.)	Temperature Rise Current ⁽³⁾ $\Delta T=40^\circ C$ (A) Max. (Typ.)
B992AS-1R3N=P3	1.3	± 30	14 (11)	8.3 (11.1)	11 (14.4)
B992AS-2R0N=P3	2.0	± 30	15 (12)	6.8 (9.1)	8.9 (11.9)
B992AS-2R7N=P3	2.7	± 30	17 (14)	5.9 (7.9)	7.7 (10.2)
B992AS-3R3N=P3	3.3	± 30	21 (17)	5.2 (6.9)	6.7 (8.9)
B992AS-4R3N=P3	4.3	± 30	22 (18)	4.6 (6.1)	5.9 (7.9)
B992AS-5R6N=P3	5.6	± 30	26 (21)	4.1 (5.5)	5.3 (7.1)
B992AS-6R8N=P3	6.8	± 30	28 (23)	3.8 (5.0)	4.8 (6.4)
B992AS-8R2N=P3	8.2	± 30	30 (25)	3.4 (4.5)	4.4 (5.9)
B992AS-100M=P3	10	± 20	36 (30)	2.9 (3.9)	3.8 (5.0)
B992AS-150M=P3	15	± 20	41 (34)	2.6 (3.4)	3.3 (4.4)
B992AS-220M=P3	22	± 20	74 (61)	2.0 (2.7)	2.6 (3.5)
B992AS-330M=P3	33	± 20	120 (100)	1.6 (2.1)	2.1 (2.8)
B992AS-470M=P3	47	± 20	150 (120)	1.4 (1.8)	1.8 (2.4)
B992AS-680M=P3	68	± 20	210 (170)	1.1 (1.5)	1.5 (2.0)
B992AS-101M=P3	100	± 20	310 (255)	0.98 (1.3)	1.2 (1.6)
B992AS-151M=P3	150	± 20	400 (330)	0.75 (1.0)	0.98 (1.3)
B992AS-221M=P3	220	± 20	560 (460)	0.65 (0.86)	0.83 (1.1)

(1) Inductance is measured with a LCR meter 4284A (Agilent Technologies) or equivalent.

Test frequency at 100kHz

(2) DC resistance is measured with 34420A (Agilent Technologies) or 3541(HIOKI). (Reference ambient temperature 25°C)

(3) Maximum allowable DC current is that which causes a 10% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)

(1) LCR仪表4284A (Agilent技术)或者功能相同的仪器在100kHz下测试电感值。

(2) 通过数码万用表34420A (Agilent技术) 或者3541(HIOKI)测试直流电阻。 (环境温度为25°C)

(3) 允许最大直流电的范围是以下两者中比较小的一个：引起电感值从最初值降低10%，或者线圈温度升高40°C。 (参考周围环境温度20°C)。