

Multilayer Ferrite Chip Inductor

積層式鐵氧體晶片電感

EBLS3225 (1210) TYPE 類型

Electrical Characteristics 電氣特性

Part Number 產品料號	Inductance 感值 (μ H) Tolerance 公差	Q Min. 品質 係數	Test Frequency 測試頻率 (MHz)	Self-resonant Frequency 共振頻率 (GHz) Min.	DC Resistance 直流電阻 (Ω) Max.	Rated Current 額定電流 (mA) Max.	Thickness 厚度 (mm)
EBLS3225-R10K,M	0.10 $\pm$ 10%, $\pm$ 20%	20	25	235	0.25	250	1.3 $\pm$ 0.3
EBLS3225-R12K,M	0.12 $\pm$ 10%, $\pm$ 20%	20	25	220	0.30	250	1.3 $\pm$ 0.3
EBLS3225-R15K,M	0.15 $\pm$ 10%, $\pm$ 20%	20	25	200	0.30	250	1.3 $\pm$ 0.3
EBLS3225-R18K,M	0.18 $\pm$ 10%, $\pm$ 20%	20	25	185	0.40	250	1.3 $\pm$ 0.3
EBLS3225-R22K,M	0.22 $\pm$ 10%, $\pm$ 20%	20	25	170	0.40	250	1.3 $\pm$ 0.3
EBLS3225-R27K,M	0.27 $\pm$ 10%, $\pm$ 20%	20	25	150	0.50	250	1.3 $\pm$ 0.3
EBLS3225-R33K,M	0.33 $\pm$ 10%, $\pm$ 20%	20	25	145	0.60	250	1.3 $\pm$ 0.3
EBLS3225-R39K,M	0.39 $\pm$ 10%, $\pm$ 20%	25	25	135	0.50	200	1.3 $\pm$ 0.3
EBLS3225-R47K,M	0.47 $\pm$ 10%, $\pm$ 20%	25	25	125	0.60	200	1.3 $\pm$ 0.3
EBLS3225-R56K,M	0.56 $\pm$ 10%, $\pm$ 20%	25	25	115	0.70	150	1.3 $\pm$ 0.3
EBLS3225-R68K,M	0.68 $\pm$ 10%, $\pm$ 20%	25	25	105	0.80	150	1.3 $\pm$ 0.3
EBLS3225-R82K,M	0.82 $\pm$ 10%, $\pm$ 20%	25	25	100	0.90	150	1.3 $\pm$ 0.3
EBLS3225-1R0K,M	1.0 $\pm$ 10%, $\pm$ 20%	45	10	75	0.40	100	1.3 $\pm$ 0.3
EBLS3225-1R2K,M	1.2 $\pm$ 10%, $\pm$ 20%	45	10	65	0.50	100	1.3 $\pm$ 0.3
EBLS3225-1R5K,M	1.5 $\pm$ 10%, $\pm$ 20%	45	10	60	0.50	50	1.3 $\pm$ 0.3
EBLS3225-1R8K,M	1.8 $\pm$ 10%, $\pm$ 20%	45	10	55	0.50	50	1.3 $\pm$ 0.3
EBLS3225-2R2K,M	2.2 $\pm$ 10%, $\pm$ 20%	45	10	50	0.60	50	1.3 $\pm$ 0.3
EBLS3225-2R7K,M	2.7 $\pm$ 10%, $\pm$ 20%	45	10	45	0.60	50	1.3 $\pm$ 0.3
EBLS3225-3R3K,M	3.3 $\pm$ 10%, $\pm$ 20%	45	10	41	0.70	50	1.3 $\pm$ 0.3
EBLS3225-3R9K,M	3.9 $\pm$ 10%, $\pm$ 20%	45	10	38	0.80	50	1.3 $\pm$ 0.3
EBLS3225-4R7K,M	4.7 $\pm$ 10%, $\pm$ 20%	45	10	35	0.90	50	1.3 $\pm$ 0.3
EBLS3225-5R6K,M	5.6 $\pm$ 10%, $\pm$ 20%	50	4	32	0.70	25	1.3 $\pm$ 0.3

* TEST EQUIPMENT: E4991A IMPEDANCE ANALYZER 量測儀器：E4991A 阻抗分析儀

* The product with Inductance under 0.82 μ H and over than 10 μ H requires minimum order quantity.

感值 0.82 μ H 以下及超過 10 μ H 以上的規格需要最低訂購量。

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EBLS3225-6R8K,M	6.8 $\pm$ 10%, $\pm$ 20%	50	4	29	0.80	25	1.3 $\pm$ 0.3
EBLS3225-8R2K,M	8.2 $\pm$ 10%, $\pm$ 20%	50	4	26	0.90	25	1.3 $\pm$ 0.3
EBLS3225-100K,M	10 $\pm$ 10%, $\pm$ 20%	50	2	24	1.00	25	1.3 $\pm$ 0.3
EBLS3225-120K,M	12 $\pm$ 10%, $\pm$ 20%	50	2	22	1.05	15	1.3 $\pm$ 0.3
EBLS3225-150K,M	15 $\pm$ 10%, $\pm$ 20%	35	1	19	0.70	5	1.3 $\pm$ 0.3
EBLS3225-180K,M	18 $\pm$ 10%, $\pm$ 20%	35	1	18	0.70	5	1.3 $\pm$ 0.3
EBLS3225-220K,M	22 $\pm$ 10%, $\pm$ 20%	35	1	16	0.90	5	1.3 $\pm$ 0.3
EBLS3225-270K,M	27 $\pm$ 10%, $\pm$ 20%	35	1	14	0.90	5	1.3 $\pm$ 0.3
EBLS3225-330K,M	33 $\pm$ 10%, $\pm$ 20%	35	0.4	13	1.05	5	1.3 $\pm$ 0.3
EBLS3225-390K,M	39 $\pm$ 10%, $\pm$ 20%	40	2	11	3.00	10	1.3 $\pm$ 0.3
EBLS3225-470K,M	47 $\pm$ 10%, $\pm$ 20%	40	2	10	3.40	10	1.3 $\pm$ 0.3
EBLS3225-560K,M	56 $\pm$ 10%, $\pm$ 20%	40	2	9.5	3.80	4	1.3 $\pm$ 0.3
EBLS3225-680K,M	68 $\pm$ 10%, $\pm$ 20%	40	1	9.5	3.00	4	1.3 $\pm$ 0.3
EBLS3225-820K,M	82 $\pm$ 10%, $\pm$ 20%	40	1	9	3.40	4	1.3 $\pm$ 0.3
EBLS3225-101K,M	100 $\pm$ 10%, $\pm$ 20%	40	1	8	3.80	4	2.2 $\pm$ 0.3
EBLS3225-121K,M	120 $\pm$ 10%, $\pm$ 20%	30	0.4	6	3.00	2	2.2 $\pm$ 0.3

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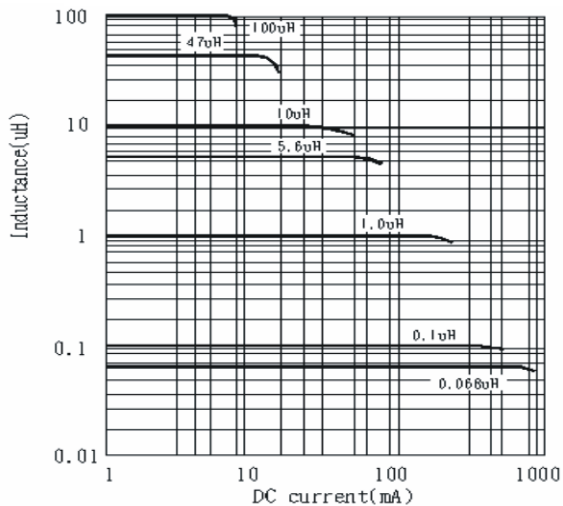
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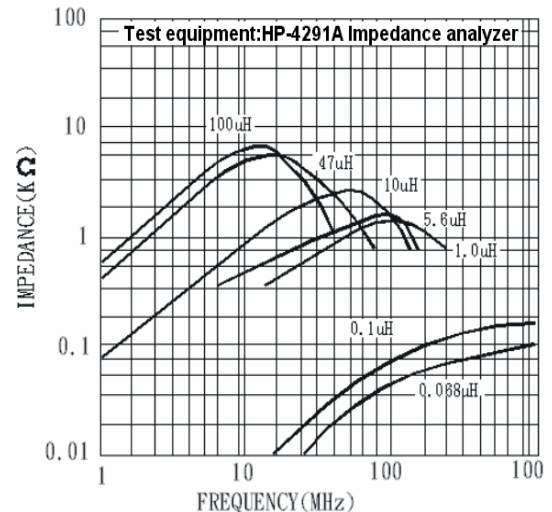
TYPICAL ELECTRICAL CHARACTERISTICS 典型電氣特性

Z, R, X vs. FREQUENCY CHARACTERISTICS 阻抗、電阻、感抗對頻率特性

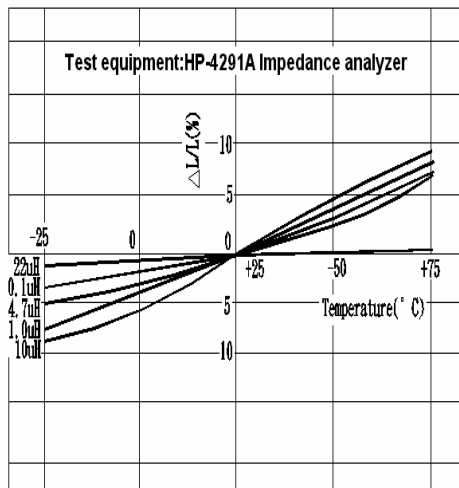
INDUCTANCE vs. DC SUPERPOSITION



IMPEDANCE vs. FREQUENCY



INDUCTANCE vs. TEMPERATURE



Q vs. FREQUENCY

