

MULTILAYER CHIP INDUCTORS 積層式晶片電感

EBLS series 系列

Electrical characteristics 電氣特性



Shape(尺寸):3216(1206)

Part Number 料號	Inductance 感值(μ H) Tolerance 公差	Q 品質 係數	Test Frequency L,Q(MHz) 測試頻率	Self-resonant Frequency (MHz)Min 共振頻率	DC Resistance (Ω)Max 直流阻抗	Rated Current (mA)Max 額定電流	Thickness (m/m) 厚度
EBLS3216-47NM	0.047 \pm 20%	20	50	320	0.15	300	1.1 \pm 0.3
EBLS3216-68NM	0.068 \pm 20%	20	50	280	0.25	300	1.1 \pm 0.3
EBLS3216-82NM	0.082 \pm 20%	20	50	255	0.25	300	1.1 \pm 0.3
EBLS3216-R10K,M	0.10 \pm 10%, \pm 20%	20	25	235	0.25	250	1.1 \pm 0.3
EBLS3216-R12K,M	0.12 \pm 10%, \pm 20%	20	25	220	0.30	250	1.1 \pm 0.3
EBLS3216-R15K,M	0.15 \pm 10%, \pm 20%	20	25	200	0.30	250	1.1 \pm 0.3
EBLS3216-R18K,M	0.18 \pm 10%, \pm 20%	20	25	185	0.40	250	1.1 \pm 0.3
EBLS3216-R22K,M	0.22 \pm 10%, \pm 20%	20	25	170	0.40	250	1.1 \pm 0.3
EBLS3216-R27K,M	0.27 \pm 10%, \pm 20%	20	25	150	0.50	250	1.1 \pm 0.3
EBLS3216-R33K,M	0.33 \pm 10%, \pm 20%	20	25	145	0.60	250	1.1 \pm 0.3
EBLS3216-R39K,M	0.39 \pm 10%, \pm 20%	25	25	135	0.50	250	1.1 \pm 0.3
EBLS3216-R47K,M	0.47 \pm 10%, \pm 20%	25	25	125	0.60	200	1.1 \pm 0.3
EBLS3216-R56K,M	0.56 \pm 10%, \pm 20%	25	25	115	0.70	200	1.1 \pm 0.3
EBLS3216-R68K,M	0.68 \pm 10%, \pm 20%	25	25	105	0.80	150	1.1 \pm 0.3
EBLS3216-R82K,M	0.82 \pm 10%, \pm 20%	25	25	100	0.90	150	1.1 \pm 0.3
EBLS3216-1R0K,M	1.0 \pm 10%, \pm 20%	45	10	75	0.40	100	1.1 \pm 0.3
EBLS3216-1R2K,M	1.2 \pm 10%, \pm 20%	45	10	65	0.50	100	1.1 \pm 0.3
EBLS3216-1R5K,M	1.5 \pm 10%, \pm 20%	45	10	60	0.50	50	1.1 \pm 0.3
EBLS3216-1R8K,M	1.8 \pm 10%, \pm 20%	45	10	55	0.50	50	1.1 \pm 0.3
EBLS3216-2R2K,M	2.2 \pm 10%, \pm 20%	45	10	50	0.60	50	1.1 \pm 0.3
EBLS3216-2R7K,M	2.7 \pm 10%, \pm 20%	45	10	45	0.60	50	1.1 \pm 0.3
EBLS3216-3R3K,M	3.3 \pm 10%, \pm 20%	45	10	41	0.70	50	1.1 \pm 0.3
EBLS3216-3R9K,M	3.9 \pm 10%, \pm 20%	45	10	38	0.80	50	1.1 \pm 0.3
EBLS3216-4R7K,M	4.7 \pm 10%, \pm 20%	45	10	35	0.90	50	1.1 \pm 0.3
EBLS3216-5R6K,M	5.6 \pm 10%, \pm 20%	50	4	32	0.70	25	1.1 \pm 0.3
EBLS3216-6R8K,M	6.8 \pm 10%, \pm 20%	50	4	29	0.80	25	1.1 \pm 0.3
EBLS3216-8R2K,M	8.2 \pm 10%, \pm 20%	50	4	26	0.90	25	1.1 \pm 0.3
EBLS3216-100K,M	10 \pm 10%, \pm 20%	50	2	24	1.00	25	1.1 \pm 0.3
EBLS3216-120K,M	12 \pm 10%, \pm 20%	50	2	22	1.05	15	1.1 \pm 0.3
EBLS3216-150K,M	15 \pm 10%, \pm 20%	35	1	19	0.70	5	1.1 \pm 0.3
EBLS3216-180K,M	18 \pm 10%, \pm 20%	35	1	18	0.70	5	1.1 \pm 0.3
EBLS3216-220K,M	22 \pm 10%, \pm 20%	35	1	16	0.90	5	1.1 \pm 0.3
EBLS3216-270K,M	27 \pm 10%, \pm 20%	35	1	14	0.90	5	1.1 \pm 0.3
EBLS3216-330K,M	33 \pm 10%, \pm 20%	35	1	13	1.05	5	1.1 \pm 0.3
EBLS3216-390K,M	39 \pm 10%, \pm 20%	40	2	11	3.00	10	1.6 \pm 0.3
EBLS3216-470K,M	47 \pm 10%, \pm 20%	40	2	10	3.40	10	1.6 \pm 0.3

* TEST EQUIPMENT: E4991A IMPEDANCE ANALYZER 量測儀器 : E4991A 阻值分析儀

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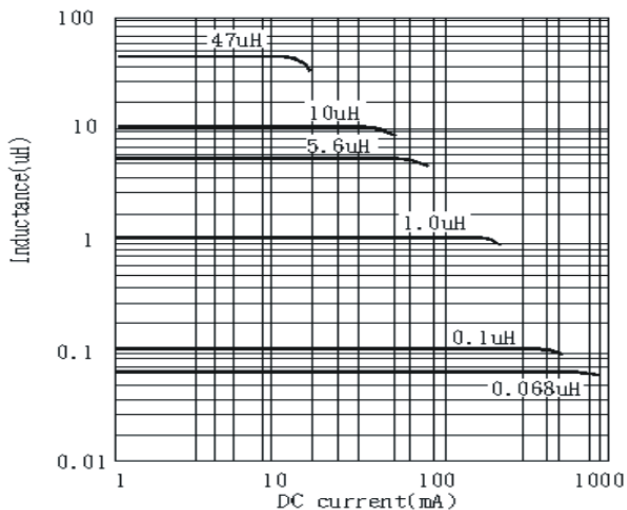
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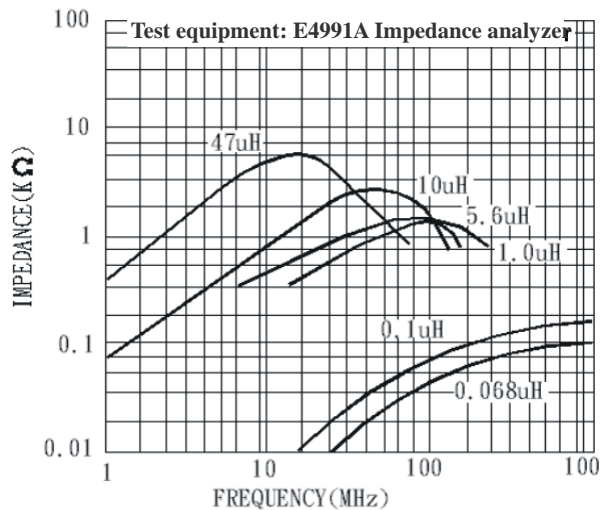
EBLS3216(1206) TYPE 型號

TYPICAL ELECTRICAL CHARACTERISTICS 典型之電氣特性

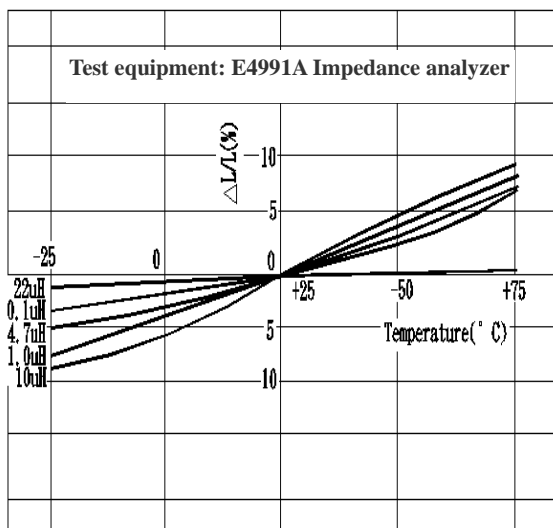
INDUCTANCE vs. DC SUPERPOSITION



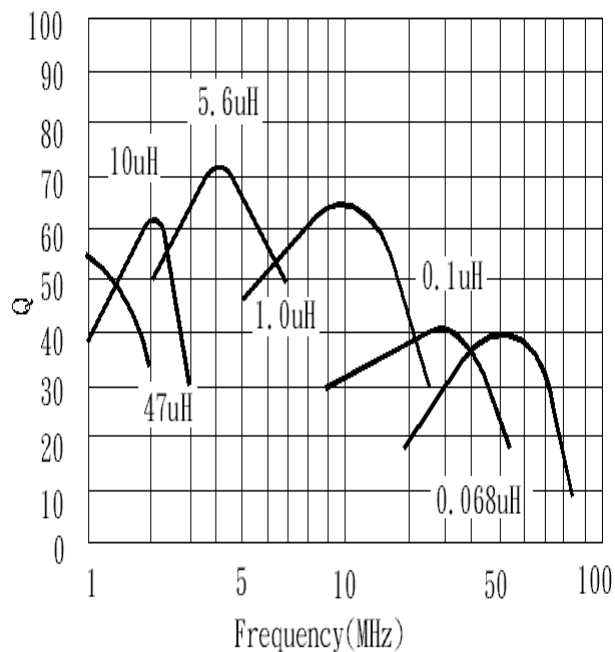
IMPEDANCE vs. FREQUENCY



INDUCTANCE vs. TEMPERATURE



Q vs. FREQUENCY



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