

MULTILAYER CHIP INDUCTORS 積層式晶片電感

EBLS series 系列

Electrical characteristics 電氣特性

Shape(尺寸): 4532(1812)



Part Number 產品料號	Inductance 感值 (μH) Tolerance 公差	Q Min 品質 係數	Test Frequency (MHz) 測試頻率	Self-resonant Frequency (MHz)Min 共振頻率	DC Resistance (Ω)Max 直流電阻	Rated Current (mA)Max 額定電流	Thickness (mm) 厚度
EBLS4532-1R0 K,M	1.0 \pm 10%, \pm 20%	35	10	75	0.4	100	1.5 \pm 0.3
EBLS4532-1R2 K,M	1.2 \pm 10%, \pm 20%	35	10	65	0.5	100	1.5 \pm 0.3
EBLS4532-1R5 K,M	1.5 \pm 10%, \pm 20%	35	10	60	0.5	50	1.5 \pm 0.3
EBLS4532-1R8 K,M	1.8 \pm 10%, \pm 20%	35	10	55	0.5	50	1.5 \pm 0.3
EBLS4532-2R2 K,M	2.2 \pm 10%, \pm 20%	35	10	50	0.6	50	1.5 \pm 0.3
EBLS4532-2R7 K,M	2.7 \pm 10%, \pm 20%	35	10	45	0.6	50	1.5 \pm 0.3
EBLS4532-3R3 K,M	3.3 \pm 10%, \pm 20%	35	10	41	0.7	50	1.5 \pm 0.3
EBLS4532-3R9 K,M	3.9 \pm 10%, \pm 20%	35	10	38	0.8	50	1.5 \pm 0.3
EBLS4532-4R7 K,M	4.7 \pm 10%, \pm 20%	35	10	35	0.9	50	1.5 \pm 0.3
EBLS4532-5R6 K,M	5.6 \pm 10%, \pm 20%	40	4	32	0.7	25	1.5 \pm 0.3
EBLS4532-6R8 K,M	6.8 \pm 10%, \pm 20%	40	4	29	0.7	25	1.5 \pm 0.3
EBLS4532-8R2 K,M	8.2 \pm 10%, \pm 20%	40	4	26	0.9	25	1.5 \pm 0.3
EBLS4532-100 K,M	10 \pm 10%, \pm 20%	40	2	24	1.0	25	1.5 \pm 0.3
EBLS4532-120 K,M	12 \pm 10%, \pm 20%	40	2	22	1.05	15	1.5 \pm 0.3
EBLS4532-150 K,M	15 \pm 10%, \pm 20%	35	1	19	0.7	5	1.5 \pm 0.3
EBLS4532-180 K,M	18 \pm 10%, \pm 20%	35	1	18	0.7	5	1.5 \pm 0.3
EBLS4532-220 K,M	22 \pm 10%, \pm 20%	35	1	16	0.9	5	1.5 \pm 0.3
EBLS4532-270 K,M	27 \pm 10%, \pm 20%	35	1	14	0.9	5	1.5 \pm 0.3
EBLS4532-330 K,M	33 \pm 10%, \pm 20%	35	0.4	13	1.05	5	1.5 \pm 0.3
EBLS4532-390 K,M	39 \pm 10%, \pm 20%	40	2	11	3.0	10	1.5 \pm 0.3
EBLS4532-470 K,M	47 \pm 10%, \pm 20%	40	2	10	3.4	10	1.5 \pm 0.3
EBLS4532-560 K,M	56 \pm 10%, \pm 20%	40	2	9.5	3.8	5	1.5 \pm 0.3
EBLS4532-680 K,M	68 \pm 10%, \pm 20%	40	1	9.5	3.0	5	1.5 \pm 0.3
EBLS4532-820 K,M	82 \pm 10%, \pm 20%	40	1	9	3.4	5	1.5 \pm 0.3
EBLS4532-101 K,M	100 \pm 10%, \pm 20%	40	1	8	3.8	5	1.5 \pm 0.3
EBLS4532-121 K,M	120 \pm 10%, \pm 20%	30	0.4	6	3.0	3	1.5 \pm 0.3
EBLS4532-151 K,M	150 \pm 10%, \pm 20%	30	0.4	5.5	3.4	3	2.2 \pm 0.3
EBLS4532-181 K,M	180 \pm 10%, \pm 20%	30	0.4	5	3.8	3	2.2 \pm 0.3
EBLS4532-221 K,M	220 \pm 10%, \pm 20%	30	0.4	4.5	4.2	3	2.2 \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 μH and over than 10 μH needs minimum order

感值 0.82 μH 以下及超過 10 μH 以上的規格需要最低訂購量

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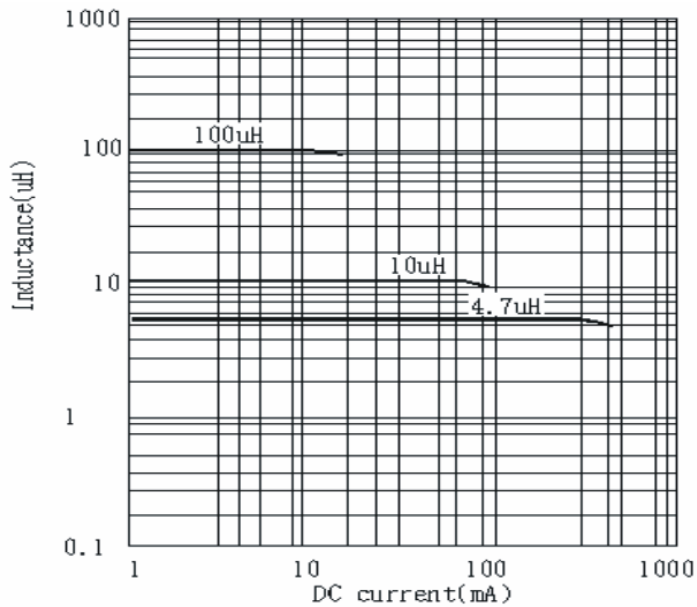
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EBLS series 系列

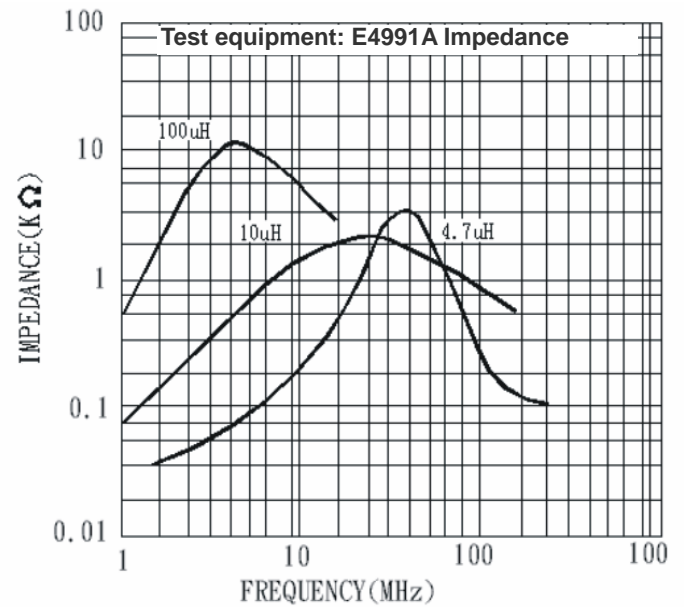
EBLS4532(1812) TYPE 型號

TYPICAL ELECTRICAL CHARACTERISTICS 典型之電氣特性

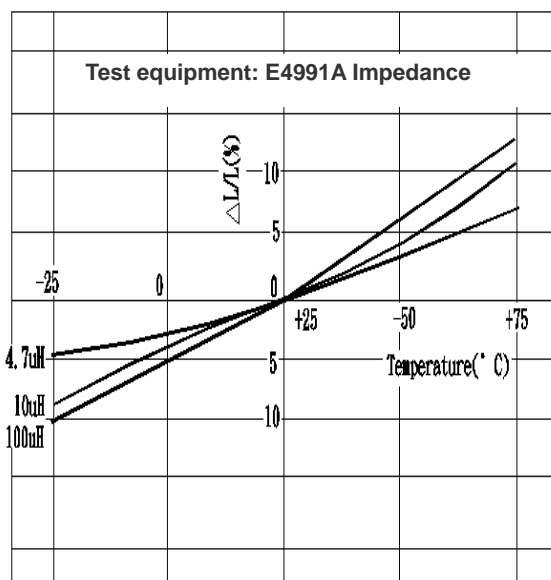
INDUCTANCE vs. DC SUPERPOSITION



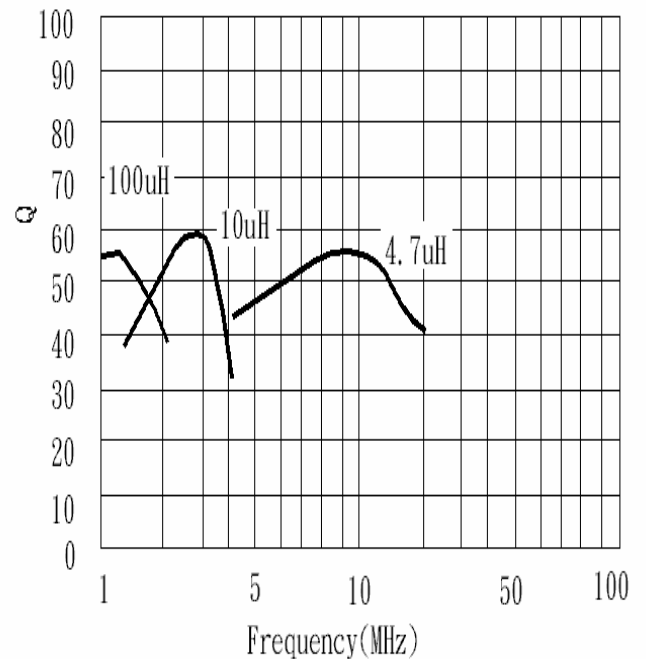
IMPEDANCE vs. FREQUENCY



INDUCTANCE vs. TEMPERATURE



Q vs. FREQUENCY



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