

# Multilayer Ferrite Chip Inductor

## 積層式鐵氧體晶片電感

### EBLS1608 (0603) TYPE 類型

#### Electrical Characteristics 電氣特性

Part Number 產品料號	Inductance 感值(μH) 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)
EBLS1608-47NM	0.047±20%	10	50	260	0.30	50	0.8±0.15
EBLS1608-68NM	0.068±20%	10	50	250	0.30	50	0.8±0.15
EBLS1608-82NM	0.082±20%	10	50	245	0.30	50	0.8±0.15
EBLS1608-R10K,M	0.10±10%, ±20%	15	25	240	0.50	50	0.8±0.15
EBLS1608-R12K,M	0.12±10%, ±20%	15	25	205	0.50	50	0.8±0.15
EBLS1608-R15K,M	0.15±10%, ±20%	15	25	180	0.60	50	0.8±0.15
EBLS1608-R18K,M	0.18±10%, ±20%	15	25	165	0.60	50	0.8±0.15
EBLS1608-R22K,M	0.22±10%, ±20%	15	25	150	0.80	50	0.8±0.15
EBLS1608-R27K,M	0.27±10%, ±20%	15	25	136	0.80	50	0.8±0.15
EBLS1608-R33K,M	0.33±10%, ±20%	15	25	125	0.85	35	0.8±0.15
EBLS1608-R39K,M	0.39±10%, ±20%	15	25	110	1.00	35	0.8±0.15
EBLS1608-R47K,M	0.47±10%, ±20%	15	25	105	1.35	35	0.8±0.15
EBLS1608-R56K,M	0.56±10%, ±20%	15	25	95	1.55	35	0.8±0.15
EBLS1608-R68K,M	0.68±10%, ±20%	15	25	90	1.70	35	0.8±0.15
EBLS1608-R82K,M	0.82±10%, ±20%	15	25	85	2.10	35	0.8±0.15
EBLS1608-1R0K,M	1.0±10%, ±20%	35	10	75	0.60	25	0.8±0.15
EBLS1608-1R2K,M	1.2±10%, ±20%	35	10	65	0.80	25	0.8±0.15
EBLS1608-1R5K,M	1.5±10%, ±20%	35	10	60	0.80	25	0.8±0.15
EBLS1608-1R8K,M	1.8±10%, ±20%	35	10	55	0.95	25	0.8±0.15
EBLS1608-2R2K,M	2.2±10%, ±20%	35	10	50	1.15	15	0.8±0.15
EBLS1608-2R7K,M	2.7±10%, ±20%	35	10	45	1.35	15	0.8±0.15
EBLS1608-3R3K,M	3.3±10%, ±20%	35	10	40	1.55	15	0.8±0.15
EBLS1608-3R9K,M	3.9±10%, ±20%	35	10	35	1.70	15	0.8±0.15
EBLS1608-4R7K,M	4.7±10%, ±20%	35	10	33	2.10	15	0.8±0.15
EBLS1608-5R6K,M	5.6±10%, ±20%	35	4	22	1.55	5	0.8±0.15
EBLS1608-6R8K,M	6.8±10%, ±20%	35	4	20	1.70	5	0.8±0.15

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

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EBLS1608-8R2K,M	8.2±10%, ±20%	35	4	18	2.10	5	0.8±0.15
EBLS1608-100K,M	10±10%, ±20%	30	2	17	1.85	3	0.8±0.15
EBLS1608-120K,M	12±10%, ±20%	30	2	15	2.10	3	0.8±0.15
EBLS1608-150K,M	15±10%, ±20%	20	1	14	1.70	1	0.8±0.15

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

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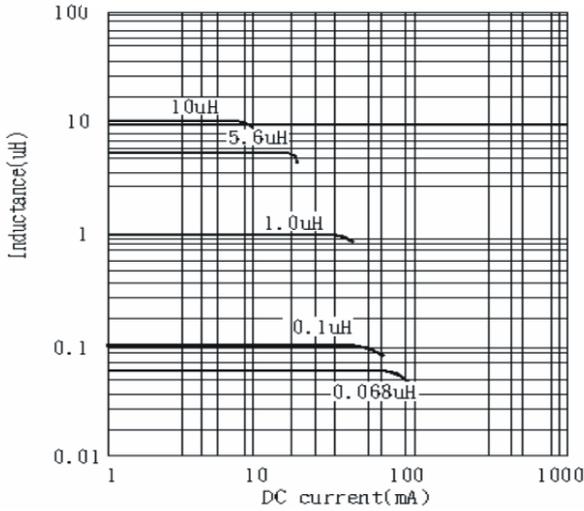
## 積層式鐵氧體晶片電感

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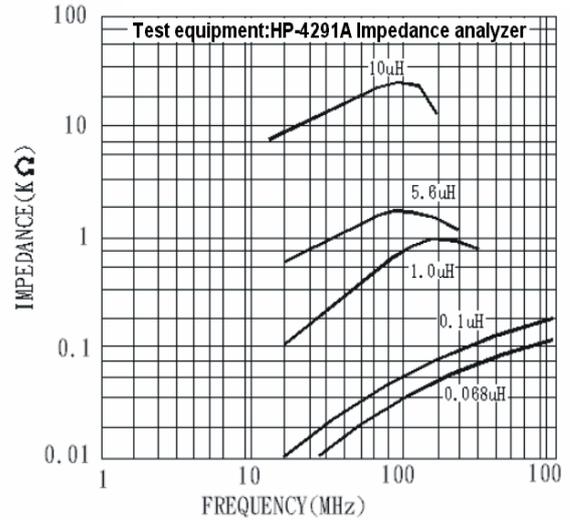
#### TYPICAL ELECTRICAL CHARACTERISTICS 典型電氣特性

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

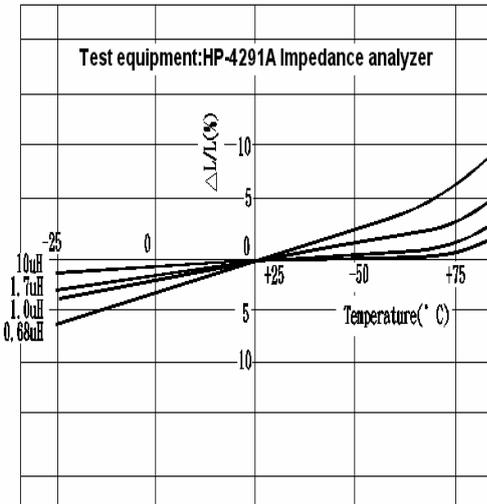
INDUCTANCE vs. DC SUPERPOSITION



IMPEDANCE vs. FREQUENCY



INDUCTANCE vs. TEMPERATURE



Q vs. FREQUENCY

