

**EBL SERIES**
**Electrical Characteristics**
**SHAPE:3225 (1210)**

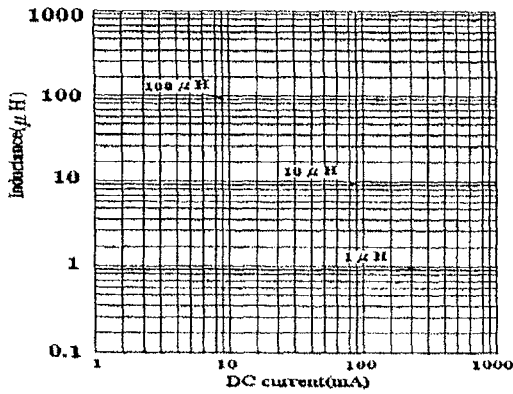
Part Number	Inductance ( $\mu$ H) Tolerance	Q Min	Test Frequency L,Q(MHz)	Self-resonant Frequency (MHz)Min	DC Resistance $\Omega$ (MAX)	Rated Current (mA) Max	Thickness (mm)
EBL3225-R10	0.10 $\pm$ 10%, $\pm$ 20%	20	25	235	0.25	250	1.3 $\pm$ 0.3
EBL3225-R12	0.12 $\pm$ 10%, $\pm$ 20%	20	25	220	0.3	250	1.3 $\pm$ 0.3
EBL3225-R15	0.15 $\pm$ 10%, $\pm$ 20%	20	25	200	0.3	250	1.3 $\pm$ 0.3
EBL3225-R18	0.18 $\pm$ 10%, $\pm$ 20%	20	25	185	0.4	250	1.3 $\pm$ 0.3
EBL3225-R22	0.22 $\pm$ 10%, $\pm$ 20%	20	25	170	0.4	250	1.3 $\pm$ 0.3
EBL3225-R27	0.27 $\pm$ 10%, $\pm$ 20%	20	25	150	0.5	250	1.3 $\pm$ 0.3
EBL3225-R33	0.33 $\pm$ 10%, $\pm$ 20%	20	25	145	0.6	250	1.3 $\pm$ 0.3
EBL3225-R39	0.39 $\pm$ 10%, $\pm$ 20%	25	25	135	0.5	200	1.3 $\pm$ 0.3
EBL3225-R47	0.47 $\pm$ 10%, $\pm$ 20%	25	25	125	0.6	200	1.3 $\pm$ 0.3
EBL3225-R56	0.56 $\pm$ 10%, $\pm$ 20%	25	25	115	0.7	150	1.3 $\pm$ 0.3
EBL3225-R68	0.68 $\pm$ 10%, $\pm$ 20%	25	25	105	0.8	150	1.3 $\pm$ 0.3
EBL3225-R82	0.82 $\pm$ 10%, $\pm$ 20%	25	25	100	0.9	150	1.3 $\pm$ 0.3
EBL3225-1R0	1.0 $\pm$ 10%, $\pm$ 20%	45	10	75	0.4	100	1.3 $\pm$ 0.3
EBL3225-1R2	1.2 $\pm$ 10%, $\pm$ 20%	45	10	65	0.5	100	1.3 $\pm$ 0.3
EBL3225-1R5	1.5 $\pm$ 10%, $\pm$ 20%	45	10	60	0.5	50	1.3 $\pm$ 0.3
EBL3225-1R8	1.8 $\pm$ 10%, $\pm$ 20%	45	10	55	0.5	50	1.3 $\pm$ 0.3
EBL3225-2R2	2.2 $\pm$ 10%, $\pm$ 20%	45	10	50	0.6	50	1.3 $\pm$ 0.3
EBL3225-2R7	2.7 $\pm$ 10%, $\pm$ 20%	45	10	45	0.6	50	1.3 $\pm$ 0.3
EBL3225-3R3	3.3 $\pm$ 10%, $\pm$ 20%	45	10	41	0.7	50	1.3 $\pm$ 0.3
EBL3225-3R9	3.9 $\pm$ 10%, $\pm$ 20%	45	10	38	0.8	50	1.3 $\pm$ 0.3
EBL3225-4R7	4.7 $\pm$ 10%, $\pm$ 20%	45	10	35	0.9	50	1.3 $\pm$ 0.3
EBL3225-5R6	5.6 $\pm$ 10%, $\pm$ 20%	50	4	32	0.7	25	1.3 $\pm$ 0.3
EBL3225-6R8	6.8 $\pm$ 10%, $\pm$ 20%	50	4	29	0.8	25	1.3 $\pm$ 0.3
EBL3225-8R2	8.2 $\pm$ 10%, $\pm$ 20%	50	4	26	0.9	25	1.3 $\pm$ 0.3
EBL3225-100	10 $\pm$ 10%, $\pm$ 20%	50	2	24	1.0	25	1.3 $\pm$ 0.3
EBL3225-120	12 $\pm$ 10%, $\pm$ 20%	50	2	22	1.05	15	1.3 $\pm$ 0.3
EBL3225-150	15 $\pm$ 10%, $\pm$ 20%	35	1	19	0.7	5	1.3 $\pm$ 0.3
EBL3225-180	18 $\pm$ 10%, $\pm$ 20%	35	1	18	0.7	5	1.3 $\pm$ 0.3
EBL3225-220	22 $\pm$ 10%, $\pm$ 20%	35	1	16	0.9	5	1.3 $\pm$ 0.3
EBL3225-270	27 $\pm$ 10%, $\pm$ 20%	35	1	14	0.9	5	1.3 $\pm$ 0.3
EBL3225-330	33 $\pm$ 10%, $\pm$ 20%	35	0.4	13	1.05	5	1.3 $\pm$ 0.3
EBL3225-390	39 $\pm$ 10%, $\pm$ 20%	40	2	11	3	10	1.3 $\pm$ 0.3
EBL3225-470	47 $\pm$ 10%, $\pm$ 20%	40	2	10	3.4	10	1.3 $\pm$ 0.3
EBL3225-560	56 $\pm$ 10%, $\pm$ 20%	40	2	9.5	3.8	4	1.3 $\pm$ 0.3
EBL3225-680	68 $\pm$ 10%, $\pm$ 20%	40	1	9.5	3	4	1.3 $\pm$ 0.3
EBL3225-820	82 $\pm$ 10%, $\pm$ 20%	40	1	9	3.4	4	1.3 $\pm$ 0.3
EBL3225-101	100 $\pm$ 10%, $\pm$ 20%	40	1	8	3.8	4	2.2 $\pm$ 0.3
EBL3225-121	120 $\pm$ 10%, $\pm$ 20%	30	0.4	6	3	2	2.2 $\pm$ 0.3

\* TEST EQUIPMENT: HP-4291A IMPEDANCE ANALYZER

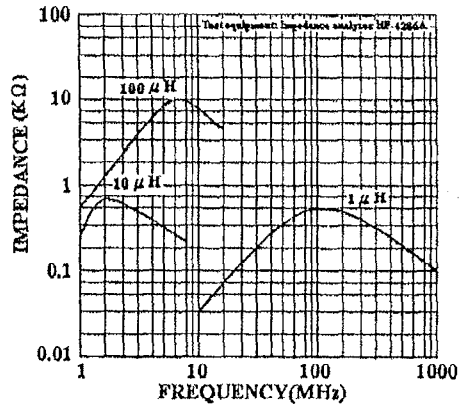
**EBL SERIES**

**EBL3225 (1210) TYPE  
TYPICAL ELECTRICAL CHARACTERISTICS**

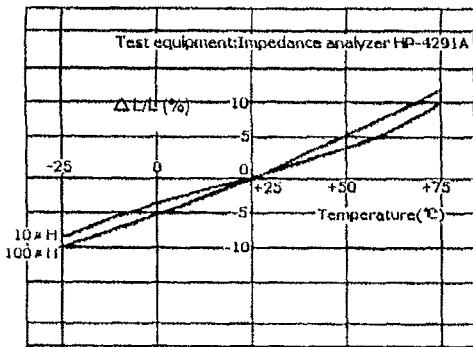
● **INDUCTANCE vs. DC SUPERPOSITION CHARACTERISTICS**



● **IMPEDANCE vs. FREQUENCY CHARACTERISTICS**



● **INDUCTANCE vs. TEMPERATURE CHARACTERISTICS**



● **Q vs. FREQUENCY CHARACTERISTICS**

