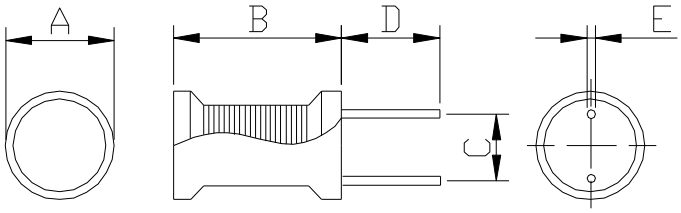

I FEATURES

1. Open magnetic circuit construction
2. High rated current

I APPLICATIONS

1. Power supplies、DC-DC converters
2. TVs、VTR、computers
3. Computer peripherals
4. Telephones、AIR-Conditions
5. Home electric appliance
6. Electronic toy and games

I 特性

1. 開磁結構
2. 高額定電流

I 用途

1. 電源供應器、直流交換器
2. 電視、磁帶錄像機、電腦
3. 電腦外圍設備
4. 電話、空調、
5. 家用電子器具
6. 電動玩具及電動游戲

I DIMENSION CODE

TYPE	ΦA(MAX)	B(MAX)	C	D(MIN)	E
DR0406	5.0	8.0	2.0±0.5	10	0.55±0.05
DR0608	7.0	10.0	2.5±0.5	10	0.65±0.05
DR0810	9.0	12.5	5.0±1.0	10	0.65±0.05
DR1012	12.0	15.0	6.0±1.0	10	0.80±0.05

I PART NUMBERING SYSTEM(品名規定)

DR	10 12	———	100	K
1	2		3	4
DRUM INDUCTOR	DIMENSIONS A 、B DIM		INDUCTANCE $10*10^0$=10uH	TOLERANCE CODE J :±5% K: ±10% L±15% M :±20% P: ±25% N: ±30%
工字形电感	尺寸		電感值	公差

I ELECTRICAL SPECIFICATIONS

PART NO	INDUCTANCE @1KHZ/0.25V （μH）	Q (MIN)	TEST FREQ (MHZ)	DC RESISTANCE (Ω)MAX	RATED DC CURRENT (A)MAX	S.F.R FREQ (MHZ)MIN.
DR0406-1R0M	1.0	85	7.96	0.014	3.5	120
DR0406-1R5M	1.5	85	7.96	0.02	3.0	90
DR0406-2R2M	2.2	85	7.96	0.02	2.5	55
DR0406-3R3M	3.3	85	7.96	0.03	2.0	50
DR0406-4R7M	4.7	80	7.96	0.04	1.7	30
DR0406-6R8M	6.8	75	7.96	0.06	1.3	25
DR0406-100K	10	70	2.52	0.08	1.0	22
DR0406-120K	12	70	2.52	0.10	0.95	20
DR0406-150K	15	65	2.52	0.11	0.90	16
DR0406-180K	18	50	2.52	0.11	0.80	14
DR0406-220K	22	50	2.52	0.12	0.70	14
DR0406-270K	27	50	2.52	0.14	0.60	12
DR0406-330K	33	50	2.52	0.16	0.55	10
DR0406-390K	39	45	2.52	0.18	0.50	9.0
DR0406-470K	47	45	2.52	0.20	0.50	9.0
DR0406-560K	56	35	2.52	0.22	0.45	8.0
DR0406-680K	68	35	2.52	0.30	0.45	8.0
DR0406-820K	82	35	2.52	0.34	0.40	8.0
DR0406-101K	100	20	0.796	0.36	0.40	7.0
DR0406-121K	120	20	0.796	0.44	0.35	6.0
DR0406-151K	150	20	0.796	0.52	0.30	5.5
DR0406-181K	180	20	0.796	0.65	0.30	5.0
DR0406-221K	220	20	0.796	0.75	0.25	4.5
DR0406-271K	270	25	0.796	1.00	0.24	4.0
DR0406-331K	330	25	0.796	1.30	0.20	3.5
DR0406-391K	390	25	0.796	1.40	0.18	3.0
DR0406-471K	470	25	0.796	1.60	0.16	3.0
DR0406-561K	560	25	0.796	2.00	0.16	2.7
DR0406-681K	680	25	0.796	2.30	0.14	2.5
DR0406-821K	820	25	0.796	2.70	0.13	2.4
DR0406-102K	1000	50	0.252	3.10	0.12	2.2

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I ELECTRICAL SPECIFICATIONS

PART NO	INDUCTANCE @1KHZ/0.25V （μH）	Q (MIN)	TEST FREQ (MHZ)	DC RESISTANCE (Ω)MAX	RATED DC CURRENT (A)MAX	S.F.R FREQ (MHZ)MIN.
DR0608-100K	10	25	2.52	0.09	1.30	16
DR0608-120K	12	25	2.52	0.10	1.10	15
DR0608-150K	15	25	2.52	0.11	1.05	13
DR0608-180K	18	20	2.52	0.12	1.00	12
DR0608-220K	22	25	2.52	0.12	0.96	11
DR0608-270K	27	25	2.52	0.17	0.92	10
DR0608-330K	33	25	2.52	0.19	0.88	8.8
DR0608-390K	39	20	2.52	0.22	0.86	8.4
DR0608-470K	47	20	2.52	0.23	0.83	8.2
DR0608-560K	56	20	2.52	0.29	0.81	7.9
DR0608-680K	68	20	2.52	0.37	0.75	7.0
DR0608-820K	82	20	2.52	0.39	0.74	6.5
DR0608-101K	100	30	0.796	0.44	0.71	5.7
DR0608-121K	120	30	0.796	0.64	0.68	5.2
DR0608-151K	150	35	0.796	0.73	0.60	4.7
DR0608-181K	180	35	0.796	0.82	0.54	4.2
DR0608-221K	220	35	0.796	0.92	0.45	3.7
DR0608-271K	270	30	0.796	1.30	0.42	3.5
DR0608-331K	330	40	0.796	1.50	0.40	3.2
DR0608-391K	390	25	0.796	1.80	0.37	2.9
DR0608-471K	470	35	0.796	2.30	0.34	2.4
DR0608-561K	560	35	0.796	3.00	0.28	2.2
DR0608-681K	680	45	0.796	3.25	0.25	2.0
DR0608-821K	820	40	0.796	4.16	0.23	1.6
DR0608-102K	1000	80	0.252	4.55	0.21	1.5
DR0608-122K	1200	80	0.252	5.20	0.20	1.4
DR0608-152K	1500	75	0.252	7.54	0.18	1.3
DR0608-182K	1800	80	0.252	7.54	0.16	1.2
DR0608-222K	2200	75	0.252	8.32	0.15	1.1
DR0608-272K	2700	80	0.252	9.62	0.13	1.0
DR0608-332K	3300	80	0.252	10.92	0.13	0.85

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I ELECTRICAL SPECIFICATIONS

PART NO	INDUCTANCE @1KHZ/0.25V （μH）	Q (MIN)	TEST FREQ (MHZ)	DC RESISTANCE (Ω)MAX	RATED DC CURRENT (A)MAX	S.F.R FREQ (MHZ)MIN.
DR0810-1R0M	1.0	90	7.96	0.02	3.4	100
DR0810-1R2M	1.2	90	7.96	0.02	3.4	90
DR0810-1R5M	1.5	95	7.96	0.02	3.3	80
DR0810-1R8M	1.8	95	7.96	0.03	3.0	75
DR0810-2R2M	2.2	100	7.96	0.03	3.0	70
DR0810-2R7M	2.7	110	7.96	0.04	3.0	60
DR0810-3R3M	3.3	110	7.96	0.04	2.9	56
DR0810-3R9M	3.9	110	7.96	0.05	2.9	52
DR0810-4R7M	4.7	110	7.96	0.05	2.6	30
DR0810-5R6M	5.6	110	7.96	0.06	2.5	30
DR0810-6R8M	6.8	90	7.96	0.06	2.0	20
DR0810-8R2M	8.2	80	7.96	0.06	1.6	17
DR0810-100M	10.0	90	2.52	0.10	1.4	12
DR0810-120K	12.0	90	2.52	0.10	1.3	11
DR0810-150K	15.0	90	2.52	0.10	1.2	9.0
DR0810-180K	18.0	80	2.52	0.11	1.1	8.0
DR0810-220K	22.0	70	2.52	0.13	1.0	7.0
DR0810-270K	27.0	70	2.52	0.14	0.9	7.0
DR0810-330K	33.0	70	2.52	0.16	0.8	6.0
DR0810-390K	39.0	70	2.52	0.16	0.7	5.5
DR0810-470K	47.0	70	2.52	0.16	0.7	5.5
DR0810-680K	68.0	60	2.52	0.22	0.6	5.0
DR0810-820K	82.0	60	2.52	0.23	0.5	4.5
DR0810-101K	100	60	2.52	0.27	0.4	4.5
DR0810-121K	120	40	0.796	0.29	0.4	4.5
DR0810-151K	150	40	0.796	0.33	0.35	4.5
DR0810-181K	180	40	0.796	0.46	0.35	4.0
DR0810-221K	220	40	0.796	0.51	0.30	3.5
DR0810-271K	270	40	0.796	0.62	0.25	3.0
DR0810-331K	330	30	0.796	0.65	0.25	3.0
DR0810-391K	390	30	0.796	0.79	0.20	2.5

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ELECTRICAL SPECIFICATIONS

PART NO	INDUCTANCE @1KHZ/0.25V （μH）	Q (MIN)	TEST FREQ (MHZ)	DC RESISTANCE (Ω)MAX	RATED DC CURRENT (A)MAX	S.F.R FREQ (MHZ)MIN.
DR1012-100K	10	110	2.52	0.04	2.8	24
DR1012-120K	12	110	2.52	0.04	2.7	18
DR1012-150K	15	110	2.52	0.05	2.3	11
DR1012-180K	18	90	2.52	0.06	2.1	8.4
DR1012-220K	22	90	2.52	0.07	2.0	9.2
DR1012-270K	27	90	2.52	0.10	1.7	7.1
DR1012-330K	33	90	2.52	0.12	1.5	7.1
DR1012-390K	39	80	2.52	0.12	1.4	6.9
DR1012-470K	47	70	2.52	0.13	1.3	6.0
DR1012-560K	56	70	2.52	0.14	1.2	5.7
DR1012-680K	68	60	2.52	0.15	1.0	5.4
DR1012-820K	82	50	2.52	0.16	0.9	4.6
DR1012-101K	100	60	0.796	0.25	0.7	4.0
DR1012-121K	120	60	0.796	0.28	0.7	3.6
DR1012-151K	150	55	0.796	0.32	0.7	3.1
DR1012-181K	180	55	0.796	0.47	0.6	2.8
DR1012-221K	220	55	0.796	0.53	0.5	2.5
DR1012-271K	270	50	0.796	0.60	0.45	2.4
DR1012-331K	330	50	0.796	0.85	0.40	2.0
DR1012-391K	390	50	0.796	0.95	0.35	2.1
DR1012-471K	470	40	0.796	1.1	0.35	1.9
DR1012-561K	560	30	0.796	1.2	0.30	1.8
DR1012-681K	680	30	0.796	1.3	0.25	1.7
DR1012-821K	820	30	0.796	1.4	0.20	1.5
DR1012-102K	1000	70	0.252	2.0	0.18	1.1
DR1012-122K	1200	70	0.252	2.3	0.15	1.0
DR1012-152K	1500	70	0.252	2.9	0.12	1.0
DR1012-182K	1800	70	0.252	3.3	0.11	0.9
DR1012-222K	2200	70	0.252	4.5	0.09	0.7
DR1012-272K	2700	70	0.252	5.5	0.08	0.7
DR1012-332K	3300	60	0.252	5.7	0.08	0.6

1. Inductance is measure with a LCR meter 4284A(Agilent) or equivalent
2. Maximum allowable DC current is that which causes a 10% inductance reduction form the initial value,or coil temperature to rise by 20℃, whichever is smaller.(Reference ambient temperature 20℃)
3. Self-resonant frequency is measured with a network analyzer model 3577*, MS560J(Anritsu),or equivalent.
4. DC resistance is measured with a digital multimeter TR6871(Advantest) or equivalent.
5. Self-resonant frequency is for reference only. * Agilent Technologies

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