

Model NO : #DR1040 L ***

Features

- * low profile, high power, low dcr .
- * compact size with high performance core structure.
- * green product version.
- * custom designs available.
- * closed magnetic circuit construction for high density board assembly .



Application

- * power supply for VTR,OA equipment
- * digital camera.LCD television set
- * DC/AC inverters
- * DC/DC converters,etc



Electrical characteristics

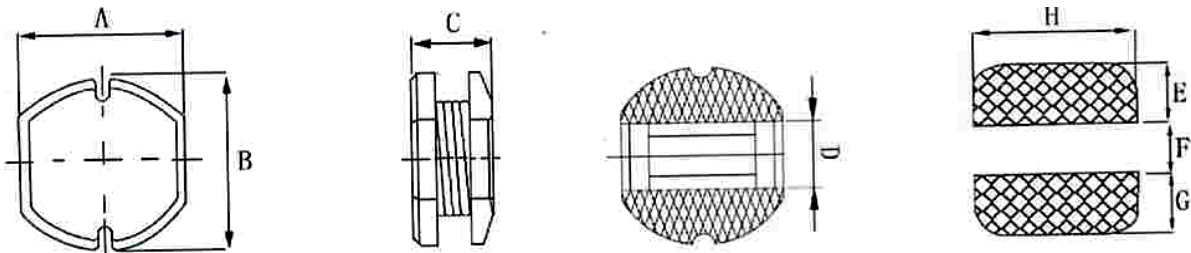
parts No	D.C.R(Ω) MAX	Rated current A※3	parts No	D.C.R(Ω) MAX	Rated current A※3	parts No	D.C.R(Ω) MAX	Rated current A※3
1R2	9m	7.50	220	86m	1.80	181	611m	680m
1R8	10m	6.30	270	98m	1.70	221	754m	580m
3R3	14m	5.00	330	117m	1.55	271	891m	500m
4R7	20m	4.30	390	144m	1.40	331	1.13	450m
5R6	23m	4.00	470	169m	1.30	391	1.30	400m
6R8	26m	3.60	560	190m	1.22	471	1.56	380m
8R2	31m	3.10	680	241m	1.08	561	1.82	350m
100	42m	2.60	820	293m	1.00	681	2.47	330m
120	46m	2.35	101	351m	900m	821	2.86	290m
150	55m	2.20	121	416m	820m	102	3.51	270m
180	75m	2.00	151	527m	760m			

NOTE :

- ※1. Measuring Frequency (F) : $L \leq 8.2\mu H$ 100KHZ/0.25V $L \geq 10\mu H$ 1KHZ/0.25V
- ※2. Tolerance of Inductance : $L \leq 8.2\mu H$ ±20% $L \geq 10\mu H$ ±10%
- ※3. Rated Current : This indicates the value of current when the inductance is 35% lower than its initial value at D.C.superposition or D.C.current when $\Delta T=40^{\circ}C$ whichever is lower .(Ta=20°C)
- ※4. Inductance value . 1R0:1.0(uH) ; 100:10(uH) ; 101:100(uH) ; 102:1000(uH) ;

Physical dimension : (UNIT:mm)

TYPE	A ±0.3	B ±0.3	C(max)	D	E	F	G	H
#DR1040	9.00	10.00	4.20	3.20	3.75	2.50	3.75	9.50



PCB pattern

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URL: <http://www.selmag.com.cn>

Model NO : #DR5845 L ***

Features

- * low profile, high power, low dcr .
- * compact size with high performance core structure.
- * green product version.
- * custom designs available.
- * closed magnetic circuit construction for high density board assembly .



Application

- * power supply for VTR,OA equipment
- * digital camera.LCD television set
- * DC/AC inverters
- * DC/DC converters,etc



Electrical characteristics

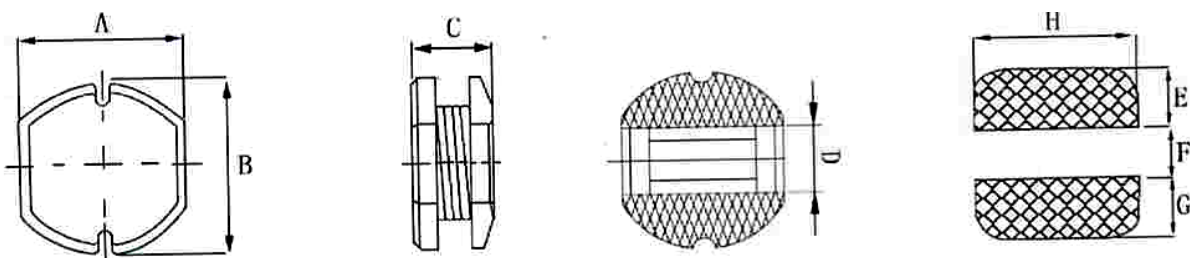
parts No	D.C.R(Ω) MAX	Rated current A※3	parts No	D.C.R(Ω) MAX	Rated current A※3	parts No	D.C.R(Ω) MAX	Rated current A※3
1R0	14m	5.40	150	99m	1.78	151	858m	550m
1R5	17m	4.70	180	108m	1.68	181	975m	518m
1R8	21m	4.50	220	137m	1.44	221	1.30	470m
2R7	25m	3.70	270	156m	1.38	271	1.50	425m
3R3	27m	3.50	330	195m	1.20	331	1.76	375m
3R9	31m	3.20	390	221m	1.06	391	2.15	330m
4R7	38m	3.10	470	273m	960m	471	2.99	315m
5R6	46m	2.80	560	312m	920m	561	3.32	300m
6R8	52m	2.40	680	377m	870m	681	3.90	260m
8R2	56m	2.20	820	442m	755m	821	5.33	240m
100	72m	2.08	101	670m	680m	102	6.37	230m
120	81m	1.90	121	741m	610m			

NOTE :

- ※1. Measuring Frequency (F) : $L \leq 8.2\mu\text{H}$ 100KHZ/0.25V $L \geq 10\mu\text{H}$ 1KHZ/0.25V
- ※2. Tolerance of Inductance : $L \leq 8.2\mu\text{H}$ ±20% $L \geq 10\mu\text{H}$ ±10%
- ※3. Rated Current : This indicates the value of current when the inductance is 35% lower than its initial value at D.C.superposition or D.C.current when $\Delta T=40^\circ\text{C}$ whichever is lower .(Ta=20°C)
- ※4. Inductance value . 1R0:1.0(uH) ; 100:10(uH) ; 101:100(uH) ; 102:1000(uH) ;

Physical dimension : (UNIT:mm)

TYPE	A ±0.3	B ±0.3	C(max)	D	E	F	G	H
#DR5845	5.20	5.80	4.80	1.50	2.60	1.40	2.60	5.80



PCB pattern

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