



Model NO : #RCH114 L ***

Features

- * high pwr storage
- * small size
- * easy insertion
- * low price
- * used widely in carious electronic equipments and civil industry products



Application

- * VCR OA equipment LCD
- * notebook DC to DC converters
- * DC to AC inverters

Electrical characteristics

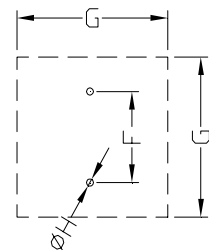
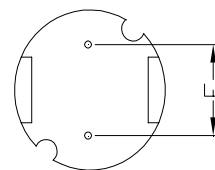
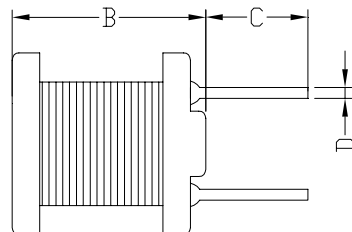
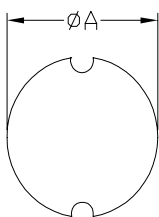
parts No	D.C.R(Ω) MAX	Rated current A※3	parts No	D.C.R(Ω) MAX	Rated current A※3	parts No	D.C.R(Ω) MAX	Rated current A※3
6R3	26m	4.3	121	195m	1.5	272	3.7	290m
7R5	29m	4.2	151	220m	1.4	332	5.0	270m
8R8	30m	4.1	181	260m	1.3	392	5.6	250m
100	33m	4.0	221	350m	1.2	472	7.4	230m
120	35m	3.9	271	390m	1.1	562	8.2	210m
150	40m	3.7	331	520m	1.0	682	12.0	190m
180	48m	3.5	391	570m	920m	822	14.0	170m
220	55m	3.3	471	650m	840m	103	16.0	160m
270	58m	3.1	561	790m	750m	123	21.0	150m
330	65m	2.9	681	960m	690m	153	24.0	140m
390	75m	2.7	821	1.2	620m	183	27.0	130m
470	85m	2.5	102	1.6	520m	223	34.0	120m
560	105m	2.3	122	2.2	460m	273	39.0	110m
680	120m	2.1	152	2.5	410m	333	51.0	100m
820	130m	1.9	182	2.9	360m	393	58.0	90m
101	145m	1.7	222	3.2	320m			

NOTE :

- ※1. Measuring Frequency (F) : $L < 10\mu H$ 100KHZ/0.25V $L \geq 10\mu H$ 1KHZ/0.25V
- ※2. Tolerance of Inductance : $L < 10\mu H$ $\pm 20\%$ $L \geq 10\mu H$ $\pm 10\%$
- ※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 .($T_a = 20^\circ C$)
- 4. Inductance value . 1R0:1.0(μH) ; 100:10(μH) ; 101:100(μH) ; 102:1000(μH) ;

Physical dimension : (UNIT:mm)

TYPE	ØA(max)	B(max)	C(max)	D	E	F	G	ØH
#RCH114	10.50	14.40	2.50	0.80	5.00	5.00	11.00	1.00



PCB pattern



Model NO : #RCH654 L ***

Features

- * high pwr storage
- * small size
- * easy insertion
- * low price
- * used widely in carious electronic equipments and civil industry products



Application

- * VCR OA equipment LCD
- * notebook DC to DC converters
- * DC to AC inverters

Electrical characteristics

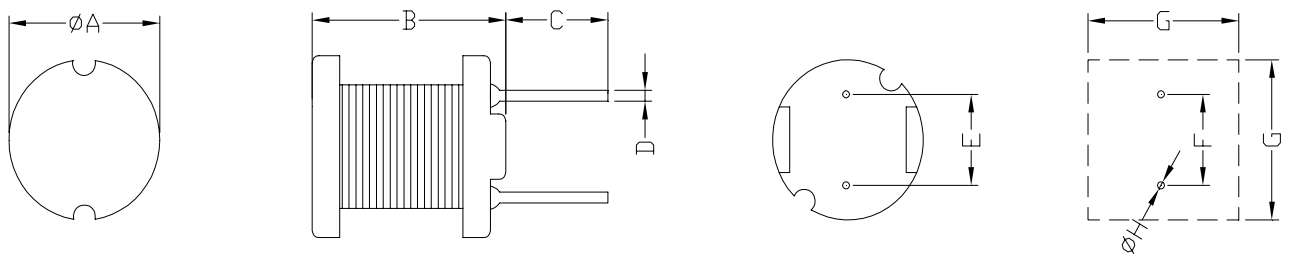
parts No	D.C.R(Ω) MAX	Rated current A \times 3	parts No	D.C.R(Ω) MAX	Rated current A \times 3	parts No	D.C.R(Ω) MAX	Rated current A \times 3
1R0	29m	3.00	150	120m	980m	151	950m	350m
1R5	34m	2.85	180	130m	930m	181	1.15	320m
2R0	39m	2.48	220	180m	900m	221	1.30	290m
2R5	43m	2.21	270	210m	810m	271	1.55	260m
3R3	48m	1.98	330	270m	740m	331	2.18	230m
3R9	55m	1.83	390	290m	680m	391	2.47	210m
4R7	60m	1.74	470	340m	620m	471	2.92	200m
5R6	66m	1.53	560	420m	570m	561	3.97	180m
7R2	78m	1.35	680	480m	510m	681	4.57	160m
8R2	85m	1.26	820	550m	470m	821	5.28	150m
100	91m	1.20	101	680m	420m	102	7.06	130m
120	100m	1.05	121	770m	390m			

NOTE :

- ※1. Measuring Frequency (F) : $L < 10\mu\text{H}$ 100KHZ/0.25V $L \geq 10\mu\text{H}$ 1KHZ/0.25V
- ※2. Tolerance of Inductance : $L < 10\mu\text{H}$ $\pm 20\%$ $L \geq 10\mu\text{H}$ $\pm 10\%$
- ※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 .($T_a = 20^\circ\text{C}$)
- 4. Inductance value . 1R0:1.0(uH) ; 100:10(uH) ; 101:100(uH) ; 102:1000(uH) ;

Physical dimension : (UNIT:mm)

TYPE	ØA(max)	B(max)	C(max)	D	E	F	G	ØH
#RCH654	6.50	5.00	2.50	0.50	4.00	4.00	7.00	0.80



PCB pattern