



RC SERIES

Through Hole Horizontal Hash Chokes

RC-03, RC-05, RC-10, RC-15

FEATURES

- High current rating
- Low DC resistance
- Pretinned Leads
- Polyolefin shrink tubing
- Excellent Stability
- High Reliability

OPTIONS

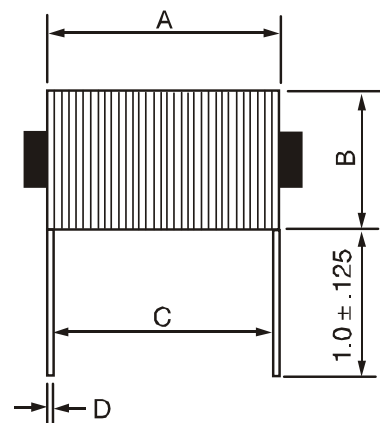
- Packaging: Bulk is standard
- Tolerance: 10% is standard
- Lower tolerances available

APPLICATIONS

- Noise Filtering
- Amplifiers
- Switching Regulators
- Power Supplies
- Triac Control Circuits
- SCR Control Circuits

Part Number	L μ H	Tol. %	DCR Max. Ohm	Rated Amps.	IDC max. Amps	A (MAX)	B (MAX)	C (MAX)	D (MAX)
RC-03-50K	5	± 10	0.015	10	25	0.875	0.6	0.5	0.042
RC-03-100K	10	± 10	0.018	9	19	1.125	0.625	0.687	0.042
RC-03-270K	27	± 10	0.035	7	12	0.875	0.8	0.437	0.042
RC-03-500K	50	± 10	0.05	5.6	8	0.875	0.8	0.75	0.042
RC-03-101K	100	± 10	0.065	5.2	6	1.125	0.8	0.937	0.042
RC-03-151K	150	± 10	0.075	5	5	1.375	0.8	1.062	0.042
RC-03-251K	250	± 10	0.09	5	4	1.625	0.8	1.312	0.042
RC-05-50K	5	± 10	0.012	14	25	0.875	0.625	0.75	0.053
RC-05-100K	10	± 10	0.015	12	19	1.125	0.625	1	0.053
RC-05-270K	27	± 10	0.025	9	13	0.875	0.84	0.562	0.053
RC-05-500K	50	± 10	0.03	8	10	1.125	0.84	0.75	0.053
RC-05-680K	68	± 10	0.035	7.5	9	1.125	0.86	0.875	0.053
RC-05-101K	100	± 10	0.05	7.5	7	1.375	0.86	1	0.053
RC-05-151K	150	± 10	0.06	7	5	1.625	0.86	1.25	0.053
RC-10-50K	5	± 10	0.01	19	25	1.125	0.635	0.812	0.065
RC-10-100K	10	± 10	0.012	16	19	1.375	0.635	1.218	0.065
RC-10-270K	27	± 10	0.018	12.5	12	1.125	0.935	0.687	0.065
RC-10-500K	50	± 10	0.025	11	10	1.375	0.935	0.937	0.065
RC-10-680K	68	± 10	0.027	10	8	1.375	0.935	1.125	0.065
RC-10-101K	100	± 10	0.03	10	7	1.625	0.935	1.312	0.065
RC-15-50K	5	± 10	0.008	24	25	1.375	0.7	0.937	0.082
RC-15-100K	10	± 10	0.01	20	19	1.687	0.7	1.5	0.082
RC-15-270K	27	± 10	0.015	16	14	1.375	1	0.937	0.082
RC-15-500K	50	± 10	0.02	15	10	1.625	1	1.125	0.082

- Testing: (Equivalent acceptable)
Inductance: Measured at 1kHz with 0.1V zero DC current on LCR meter HP 4284A
RDC: QuadTech 1880 Milliohm meter
- IDC Max Amps: The typical current at which the inductance will decrease 5% from its initial value
- Temperature range: -55°C to $+125^{\circ}\text{C}$ with no load
 -55°C to $+85^{\circ}\text{C}$ at full rated current
- Marking: Inductance and tolerance
- Marking: Inductance and Tolerance on optional tubing only



Dimensions: inches