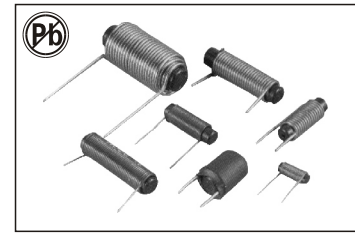


# THROUGH-HOLE HORIZONTAL HASH CHOKES

## RC SERIES

03,05,10,15



### FEATURES:

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

### OPTIONS:

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

### COMMON APPLICATIONS:

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

## ELECTRICAL CHARACTERISTICS:

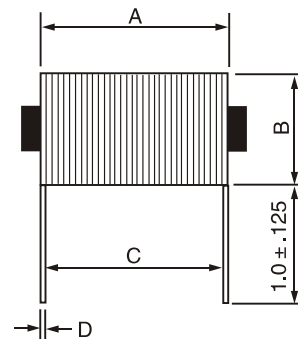
Part Number	L μ H	Tol %	DCR Ω Max	Rated Amps	IDC Max Amps	A (MAX)	B (MAX)	C (MAX)	D (MAX)
RC-03-50K	5	± 10	.015	10.0	25	.875	.600	.500	.042
RC-03-100K	10	± 10	.018	9.0	19	1.125	.625	.687	.042
RC-03-270K	27	± 10	.035	7.0	12	.875	.800	.437	.042
RC-03-500K	50	± 10	.050	5.6	8	.875	.800	.750	.042
RC-03-101K	100	± 10	.065	5.2	6	1.125	.800	.937	.042
RC-03-151K	150	± 10	.075	5.0	5	1.375	.800	1.062	.042
RC-03-251K	250	± 10	.090	5.0	4	1.625	.800	1.312	.042
RC-05-50K	5	± 10	.012	14.0	25	.875	.625	.750	.053
RC-05-100K	10	± 10	.015	12.0	19	1.125	.625	1.0	.053
RC-05-270K	27	± 10	.025	9.0	13	.875	.840	.562	.053
RC-05-500K	50	± 10	.030	8.0	10	1.125	.840	.750	.053
RC-05-680K	68	± 10	.035	7.5	9	1.125	.860	.875	.053
RC-05-101K	100	± 10	.050	7.5	7	1.375	.860	1.0	.053
RC-05-151K	150	± 10	.060	7.0	5	1.625	.860	1.250	.053
RC-10-50K	5	± 10	.010	19.0	25	1.125	.635	.812	.065
RC-10-100K	10	± 10	.012	16.0	19	1.375	.635	1.218	.065
RC-10-270K	27	± 10	.018	12.5	12	1.125	.935	.687	.065
RC-10-500K	50	± 10	.025	11.0	10	1.375	.935	.937	.065
RC-10-680K	68	± 10	.027	10.0	8	1.375	.935	1.125	.065
RC-10-101K	100	± 10	.030	10.0	7	1.625	.935	1.312	.065
RC-15-50K	5	± 10	.008	24.0	25	1.375	.700	.937	.082
RC-15-100K	10	± 10	.010	20.0	19	1.687	.700	1.50	.082
RC-15-270K	27	± 10	.015	16.0	14	1.375	1.0	.937	.082
RC-15-500K	50	± 10	.020	15.0	10	1.625	1.0	1.125	.082

Note: 1. K= ± 10%, M= ± 20%

## TECHNICAL INFORMATION:

- 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°C with no load  
-55°C to +85°C at full rated current
- Marking: Inductance and tolerance
- Marking: Inductance and Tolerance on optional tubing only

## PHYSICAL CHARACTERISTICS:



Dimensions: inches