

HIGH CURRENT INDUCTOR SERIES HA & HR



FEATURES

- Low price, suitable for storage inductors in switching power supplies
- Printed circuit mounting

ELECTRICAL CHARACTERISTICS

- Inductance range 5 μ H to 750 μ H
- Tolerance \pm 10% over entire range
- Rated current Obtained when L_0 drops 10% typical
- Test procedure L is measured @ 1KHz with 100 mV, using Quadtech 1750 LCR Meter

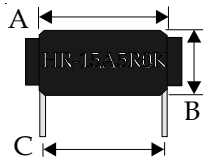
PHYSICAL CHARACTERISTICS

- Operating temp. -55°C to +105°C
- Finish Covered with shrink tube
- Marking Part number
- Packaging 50 pieces per bag

HA SERIES SPECIFICATIONS

Part Number	L (μ H)	DCR Max (Ω)	Rated Current (Amps)	Dimensions in inches		
				Length A Max	Dia. B Max	Lead Dia. AWG
HA-1A250K	25	0.12	1	0.875	0.35	20
HA-1A500K	50	0.17	1	0.875	0.35	20
HA-1A101K	100	0.25	1	0.875	0.45	20
HA-1A251K	250	0.44	1	0.875	0.45	20
HA-1A501K	500	0.56	1	1.250	0.50	20
HA-1A751K	750	0.74	1	1.250	0.50	20
HA-2A250K	25	0.085	2	0.875	0.40	20
HA-2A500K	50	0.135	2	0.875	0.50	20
HA-2A101K	100	0.155	2	1.250	0.45	20
HA-2A251K	250	0.275	2	1.250	0.50	20
HA-3A5R0K	5	0.020	3	0.875	0.40	20
HA-3A100K	10	0.035	3	0.875	0.40	20
HA-3A250K	25	0.060	3	0.875	0.50	20
HA-3A500K	50	0.075	3	0.875	0.50	20
HA-3A101K	100	0.125	3	1.250	0.50	20

HR SERIES SPECIFICATIONS



Part Number	L (μ H)	DCR Max (Ω)	SRF Min (MHz)	Rated current (Amps)	Dimensions in inches			
					Length A (Max)	Dia B (Max)	Typ. Lead spacing C	Lead Dia.
HR-3A5R0K	5	0.015	40.0	3	0.875	0.60	0.50	0.042
HR-3A100K	10	0.018	25.0	3	0.875	0.60	0.69	0.042
HR-3A270K	27	0.035	8.0	3	0.875	0.80	0.43	0.042
HR-3A500K	50	0.050	5.0	3	0.875	0.80	0.75	0.042
HR-3A101K	100	0.065	2.5	3	1.125	0.80	0.94	0.042
HR-3A151K	150	0.075	2.0	3	1.250	0.80	1.02	0.042
HR-3A251K	250	0.090	1.0	3	1.500	0.80	1.30	0.042
HR-5A5R0K	5	0.012	30.0	5	0.875	0.65	0.75	0.053
HR-5A100K	10	0.015	20.0	5	0.875	0.65	1.00	0.053
HR-5A270K	27	0.025	7.0	5	0.875	0.85	0.57	0.053
HR-5A500K	50	0.030	4.0	5	1.125	0.85	0.75	0.053
HR-5A680K	68	0.035	3.5	5	1.125	0.85	0.87	0.053
HR-5A101K	100	0.050	2.5	5	1.250	0.85	1.00	0.053
HR-5A151K	150	0.060	2.0	5	1.500	0.85	1.25	0.053
HR-10A5R0K	5	0.010	30.0	10	1.125	0.70	0.82	0.065
HR-10A100K	10	0.015	20.0	10	1.125	0.70	1.20	0.065
HR-10A270K	27	0.018	7.0	10	1.125	0.94	0.68	0.065
HR-10A500K	50	0.025	4.0	10	1.250	0.94	0.94	0.065
HR-10A680K	68	0.027	3.5	10	1.250	0.94	1.12	0.065
HR-10A101K	100	0.030	2.5	10	1.500	0.94	1.30	0.065
HR-15A5R0K	5	0.008	30	15	1.250	0.73	0.93	0.082
HR-15A100K	10	0.010	20	15	1.500	0.73	1.50	0.082
HR-15A270K	27	0.015	7	15	1.500	1.05	0.94	0.082
HR-15A500K	50	0.020	4	15	1.500	1.05	1.12	0.082