

Filter Inductors, High Current, Radial Leded



ELECTRICAL SPECIFICATIONS

Inductance: Measured at 1.0 V with zero DC current

Dielectric: 2500 V_{RMS} between winding and 0.250" [6.35 mm] of insulating covering edge (with optional insulating covering)

Current Rating: Maximum continuous operating current based on a + 50 °C temperature rise

Operating Temperature: - 55 °C to + 130 °C (no load),
- 55 °C to + 80 °C (at full rated current)

FEATURES

- Printed circuit mounting
- Wide range of inductance and current ratings
- Pre-tinned leads
- Optional polyolefin tubing and printing available at additional cost
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912



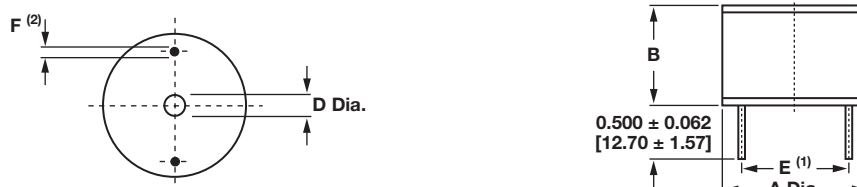
RoHS
COMPLIANT
HALOGEN
FREE

MECHANICAL SPECIFICATIONS

Terminals: Extensions of the winding wire, solder coated to within 0.063" [1.60 mm] of body

Mounting: Center hole for mechanical mounting, insulated bushings recommended for center hole mounting

DIMENSIONS in inches [millimeters]



MODEL	A (MAX.)	B (MAX.)	D (MIN.)
IHB-1	0.660 [16.76]	0.840 [21.34]	0.115 [2.92]
IHB-2	0.825 [20.96]	0.840 [21.34]	0.115 [2.92]
IHB-3	1.100 [27.94]	0.840 [21.34]	0.115 [2.92]
IHB-4	1.600 [40.64]	1.030 [26.16]	0.175 [4.45]
IHB-5	1.600 [40.64]	1.450 [36.83]	0.175 [4.45]
IHB-6	2.000 [50.80]	1.500 [38.10]	0.240 [6.10]

Notes

- (1) E varies between components, see individual model specifications for details, tolerance of ± 0.035
(2) F varies between components, see individual model specifications for details

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. AT 1 kHz (μ H)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (A)	LEAD "E" SPACING	MAXIMUM LEAD "F" DIAMETER
IHB-1	1.0	± 20	0.003	14.9	0.450 [11.43]	0.045 [1.15]
IHB-1	1.2	± 20	0.003	14.9	0.450 [11.43]	0.045 [1.15]
IHB-1	1.5	± 20	0.004	12.9	0.450 [11.43]	0.045 [1.15]
IHB-1	1.8	± 20	0.004	12.9	0.450 [11.43]	0.045 [1.15]
IHB-1	2.2	± 20	0.005	11.6	0.450 [11.43]	0.045 [1.15]
IHB-1	2.7	± 20	0.005	11.6	0.450 [11.43]	0.045 [1.15]
IHB-1	3.3	± 20	0.005	11.6	0.450 [11.43]	0.045 [1.15]
IHB-1	3.9	± 20	0.006	10.6	0.450 [11.43]	0.045 [1.15]
IHB-1	4.7	± 20	0.007	9.8	0.450 [11.43]	0.045 [1.15]
IHB-1	5.6	± 20	0.007	9.8	0.450 [11.43]	0.045 [1.15]
IHB-1	6.8	± 20	0.008	9.2	0.450 [11.43]	0.045 [1.15]
IHB-1	8.2	± 20	0.009	8.6	0.450 [11.43]	0.045 [1.15]
IHB-1	10	± 10	0.010	8.2	0.450 [11.43]	0.045 [1.15]
IHB-1	12	± 10	0.011	7.8	0.450 [11.43]	0.045 [1.15]
IHB-1	15	± 10	0.015	6.7	0.450 [11.43]	0.040 [1.02]
IHB-1	18	± 10	0.016	6.5	0.450 [11.43]	0.040 [1.02]
IHB-1	22	± 10	0.020	5.8	0.450 [11.43]	0.040 [1.02]
IHB-1	27	± 10	0.030	4.7	0.450 [11.43]	0.032 [0.812]
IHB-1	33	± 10	0.040	4.1	0.475 [12.07]	0.028 [0.723]
IHB-1	39	± 10	0.046	3.8	0.475 [12.07]	0.028 [0.723]

**STANDARD ELECTRICAL SPECIFICATIONS**

MODEL	IND. AT 1 kHz (μ H)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (A)	LEAD "E" SPACING	MAXIMUM LEAD "F" DIAMETER
IHB-1	47	± 10	0.062	3.3	0.470 [11.94]	0.025 [0.644]
IHB-1	56	± 10	0.069	3.1	0.470 [11.94]	0.025 [0.644]
IHB-1	68	± 10	0.077	2.9	0.500 [12.70]	0.025 [0.644]
IHB-1	82	± 10	0.083	2.8	0.500 [12.70]	0.025 [0.644]
IHB-1	100	± 10	0.095	2.7	0.500 [12.70]	0.025 [0.644]
IHB-1	120	± 10	0.127	2.3	0.500 [12.70]	0.023 [0.573]
IHB-1	150	± 10	0.181	1.9	0.500 [12.70]	0.020 [0.510]
IHB-1	180	± 10	0.217	1.8	0.500 [12.70]	0.020 [0.510]
IHB-1	220	± 10	0.240	1.7	0.500 [12.70]	0.020 [0.510]
IHB-1	270	± 10	0.300	1.5	0.480 [12.19]	0.018 [0.455]
IHB-1	330	± 10	0.336	1.4	0.480 [12.19]	0.018 [0.455]
IHB-1	390	± 10	0.460	1.2	0.480 [12.19]	0.016 [0.405]
IHB-1	470	± 10	0.636	1.0	0.475 [12.07]	0.014 [0.361]
IHB-1	560	± 10	0.696	1.0	0.475 [12.07]	0.014 [0.361]
IHB-2	1.0	± 20	0.003	17.4	0.620 [15.75]	0.051 [1.29]
IHB-2	1.2	± 20	0.003	17.4	0.620 [15.75]	0.051 [1.29]
IHB-2	1.5	± 20	0.003	17.4	0.620 [15.75]	0.051 [1.29]
IHB-2	1.8	± 20	0.003	17.4	0.620 [15.75]	0.051 [1.29]
IHB-2	2.2	± 20	0.004	15.1	0.620 [15.75]	0.051 [1.29]
IHB-2	2.7	± 20	0.005	13.5	0.620 [15.75]	0.051 [1.29]
IHB-2	3.3	± 20	0.005	13.5	0.620 [15.75]	0.051 [1.29]
IHB-2	3.9	± 20	0.005	13.5	0.620 [15.75]	0.051 [1.29]
IHB-2	4.7	± 20	0.005	13.5	0.620 [15.75]	0.051 [1.29]
IHB-2	5.6	± 20	0.006	12.3	0.620 [15.75]	0.051 [1.29]
IHB-2	6.8	± 20	0.007	11.4	0.620 [15.75]	0.051 [1.29]
IHB-2	8.2	± 20	0.007	11.4	0.620 [15.75]	0.051 [1.29]
IHB-2	10	± 10	0.009	10.0	0.620 [15.75]	0.051 [1.29]
IHB-2	12	± 10	0.009	10.0	0.620 [15.75]	0.051 [1.29]
IHB-2	15	± 10	0.013	8.4	0.620 [15.75]	0.045 [1.15]
IHB-2	18	± 10	0.018	7.1	0.615 [15.62]	0.040 [1.02]
IHB-2	22	± 10	0.019	6.9	0.615 [15.62]	0.040 [1.02]
IHB-2	27	± 10	0.026	5.9	0.575 [14.61]	0.036 [0.912]
IHB-2	33	± 10	0.029	5.6	0.575 [14.61]	0.036 [0.912]
IHB-2	39	± 10	0.030	5.5	0.600 [15.24]	0.036 [0.912]
IHB-2	47	± 10	0.035	5.1	0.600 [15.24]	0.036 [0.912]
IHB-2	56	± 10	0.039	4.8	0.600 [15.24]	0.036 [0.912]
IHB-2	68	± 10	0.053	4.1	0.600 [15.24]	0.032 [0.812]
IHB-2	82	± 10	0.060	3.9	0.600 [15.24]	0.032 [0.812]
IHB-2	100	± 10	0.080	3.4	0.600 [15.24]	0.028 [0.723]
IHB-2	120	± 10	0.090	3.2	0.600 [15.24]	0.028 [0.723]
IHB-2	150	± 10	0.098	3.0	0.600 [15.24]	0.028 [0.723]
IHB-2	180	± 10	0.110	2.9	0.600 [15.24]	0.028 [0.723]
IHB-2	220	± 10	0.150	2.5	0.600 [15.24]	0.025 [0.644]
IHB-2	270	± 10	0.213	2.1	0.600 [15.24]	0.023 [0.573]
IHB-2	330	± 10	0.305	1.7	0.600 [15.24]	0.020 [0.510]
IHB-2	390	± 10	0.320	1.7	0.600 [15.24]	0.020 [0.510]
IHB-2	470	± 10	0.355	1.6	0.590 [14.99]	0.020 [0.510]
IHB-2	560	± 10	0.388	1.5	0.590 [14.99]	0.020 [0.510]
IHB-2	680	± 10	0.430	1.5	0.590 [14.99]	0.020 [0.510]
IHB-2	820	± 10	0.590	1.2	0.590 [14.99]	0.018 [0.455]
IHB-2	1000	± 10	0.818	1.1	0.590 [14.99]	0.016 [0.405]
IHB-2	1200	± 10	1.140	0.9	0.590 [14.99]	0.014 [0.361]
IHB-2	1500	± 10	1.260	0.8	0.590 [14.99]	0.014 [0.361]
IHB-2	1800	± 10	1.390	0.8	0.590 [14.99]	0.014 [0.361]
IHB-2	2200	± 10	1.540	0.8	0.590 [14.99]	0.014 [0.361]
IHB-3	1.0	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	1.2	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	1.5	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	1.8	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	2.2	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	2.7	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	3.3	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	3.9	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	4.7	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	5.6	± 20	0.003	20.3	0.790 [20.07]	0.072 [1.83]
IHB-3	6.8	± 20	0.004	17.6	0.790 [20.07]	0.072 [1.83]
IHB-3	8.2	± 20	0.004	17.6	0.790 [20.07]	0.072 [1.83]
IHB-3	10	± 10	0.006	14.4	0.770 [19.56]	0.064 [1.63]
IHB-3	12	± 10	0.008	12.4	0.750 [19.05]	0.057 [1.45]
IHB-3	15	± 10	0.009	11.7	0.750 [19.05]	0.057 [1.45]

**STANDARD ELECTRICAL SPECIFICATIONS**

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IHB-3	18	± 10	0.010	11.1	0.750 [19.05]	0.057 [1.45]
IHB-3	22	± 10	0.011	10.6	0.750 [19.05]	0.057 [1.45]
IHB-3	27	± 10	0.012	10.2	0.800 [20.32]	0.057 [1.45]
IHB-3	33	± 10	0.017	8.5	0.780 [19.81]	0.051 [1.29]
IHB-3	39	± 10	0.022	7.5	0.780 [19.81]	0.051 [1.29]
IHB-3	47	± 10	0.024	7.2	0.760 [19.30]	0.045 [1.15]
IHB-3	56	± 10	0.026	6.9	0.760 [19.30]	0.045 [1.15]
IHB-3	68	± 10	0.029	6.5	0.760 [19.30]	0.045 [1.15]
IHB-3	82	± 10	0.032	6.2	0.760 [19.30]	0.045 [1.150]
IHB-3	100	± 10	0.034	6.0	0.760 [19.30]	0.045 [1.150]
IHB-3	120	± 10	0.046	5.2	0.740 [18.80]	0.040 [1.020]
IHB-3	150	± 10	0.064	4.4	0.720 [18.29]	0.036 [0.912]
IHB-3	180	± 10	0.072	4.1	0.720 [18.29]	0.036 [0.912]
IHB-3	220	± 10	0.080	3.9	0.790 [20.07]	0.036 [0.912]
IHB-3	270	± 10	0.110	3.4	0.770 [19.56]	0.032 [0.812]
IHB-3	330	± 10	0.122	3.2	0.770 [19.56]	0.032 [0.812]
IHB-3	390	± 10	0.169	2.7	0.740 [18.80]	0.028 [0.723]
IHB-3	470	± 10	0.187	2.6	0.740 [18.80]	0.028 [0.723]
IHB-3	560	± 10	0.205	2.5	0.740 [18.80]	0.028 [0.723]
IHB-3	680	± 10	0.256	2.2	0.725 [18.42]	0.025 [0.644]
IHB-3	820	± 10	0.288	2.1	0.725 [18.42]	0.025 [0.644]
IHB-3	1000	± 10	0.426	1.7	0.715 [18.16]	0.023 [0.573]
IHB-3	1200	± 10	0.462	1.6	0.760 [19.30]	0.023 [0.573]
IHB-3	1500	± 10	0.518	1.5	0.760 [19.30]	0.023 [0.573]
IHB-3	1800	± 10	0.705	1.3	0.740 [18.80]	0.020 [0.510]
IHB-3	2200	± 10	1.020	1.1	0.720 [18.29]	0.018 [0.455]
IHB-3	2700	± 10	1.140	1.0	0.720 [18.29]	0.018 [0.455]
IHB-3	3300	± 10	1.270	1.0	0.720 [18.29]	0.018 [0.455]
IHB-3	3900	± 10	1.670	0.9	0.700 [17.78]	0.016 [0.405]
IHB-3	4700	± 10	1.860	0.8	0.730 [18.54]	0.016 [0.405]
IHB-4	1.8	± 20	0.002	33.8	1.10 [27.94]	0.072 [1.83]
IHB-4	2.2	± 20	0.002	33.8	1.10 [27.94]	0.072 [1.83]
IHB-4	2.7	± 20	0.003	27.6	1.10 [27.94]	0.072 [1.83]
IHB-4	3.3	± 20	0.003	27.6	1.10 [27.94]	0.072 [1.83]
IHB-4	3.9	± 20	0.003	27.6	1.10 [27.94]	0.072 [1.83]
IHB-4	4.7	± 20	0.003	27.6	1.10 [27.94]	0.072 [1.83]
IHB-4	5.6	± 20	0.004	23.9	1.10 [27.94]	0.072 [1.83]
IHB-4	6.8	± 20	0.004	23.9	1.10 [27.94]	0.072 [1.83]
IHB-4	8.2	± 20	0.004	23.9	1.10 [27.94]	0.072 [1.83]
IHB-4	10	± 10	0.005	21.4	1.10 [27.94]	0.072 [1.83]
IHB-4	12	± 10	0.005	21.4	1.10 [27.94]	0.072 [1.83]
IHB-4	15	± 10	0.006	19.5	1.10 [27.94]	0.072 [1.83]
IHB-4	18	± 10	0.008	16.9	1.10 [27.94]	0.064 [1.63]
IHB-4	22	± 10	0.009	15.9	1.10 [27.94]	0.064 [1.63]
IHB-4	27	± 10	0.010	15.1	1.10 [27.94]	0.064 [1.63]
IHB-4	33	± 10	0.011	14.4	1.10 [27.94]	0.064 [1.63]
IHB-4	39	± 10	0.012	13.8	1.10 [27.94]	0.064 [1.63]
IHB-4	47	± 10	0.018	11.3	1.10 [27.94]	0.057 [1.45]
IHB-4	56	± 10	0.019	11.0	1.11 [28.19]	0.057 [1.45]
IHB-4	68	± 10	0.021	10.4	1.11 [28.19]	0.057 [1.45]
IHB-4	82	± 10	0.023	10.0	1.11 [28.19]	0.057 [1.45]
IHB-4	100	± 10	0.025	9.6	1.11 [28.19]	0.057 [1.45]
IHB-4	120	± 10	0.028	9.0	1.11 [28.19]	0.057 [1.45]
IHB-4	150	± 10	0.040	7.6	1.10 [27.94]	0.051 [1.29]
IHB-4	180	± 10	0.045	7.1	1.10 [27.94]	0.051 [1.29]
IHB-4	220	± 10	0.050	6.8	1.10 [27.94]	0.051 [1.29]
IHB-4	270	± 10	0.056	6.4	1.10 [27.94]	0.051 [1.29]
IHB-4	330	± 10	0.074	5.6	1.16 [29.46]	0.045 [1.15]
IHB-4	390	± 10	0.082	5.3	1.13 [28.70]	0.045 [1.15]
IHB-4	470	± 10	0.114	4.5	1.13 [28.70]	0.040 [1.02]
IHB-4	560	± 10	0.125	4.3	1.13 [28.70]	0.040 [1.02]
IHB-4	680	± 10	0.139	4.1	1.13 [28.70]	0.040 [1.02]
IHB-4	820	± 10	0.154	3.9	1.13 [28.70]	0.040 [1.02]
IHB-4	1000	± 10	0.216	3.3	1.10 [27.94]	0.036 [0.912]
IHB-4	1200	± 10	0.232	3.1	1.10 [27.94]	0.036 [0.912]
IHB-4	1500	± 10	0.324	2.7	1.14 [28.96]	0.032 [0.812]
IHB-4	1800	± 10	0.360	2.5	1.14 [28.96]	0.032 [0.812]
IHB-4	2200	± 10	0.494	2.2	1.11 [28.19]	0.028 [0.723]
IHB-4	2700	± 10	0.555	2.0	1.11 [28.19]	0.028 [0.723]
IHB-4	3300	± 10	0.773	1.7	1.09 [27.69]	0.025 [0.644]

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IHB-4	3900	± 10	0.845	1.6	1.09 [27.69]	0.025 [0.644]
IHB-4	4700	± 10	1.140	1.4	1.07 [27.18]	0.023 [0.573]
IHB-4	5600	± 10	1.600	1.2	1.05 [26.67]	0.020 [0.510]
IHB-4	6800	± 10	1.760	1.1	1.05 [26.67]	0.020 [0.510]
IHB-4	8200	± 10	1.950	1.1	1.09 [27.69]	0.020 [0.510]
IHB-4	10 000	± 10	2.760	0.9	1.07 [27.18]	0.018 [0.455]
IHB-4	12 000	± 10	3.040	0.9	1.07 [27.18]	0.018 [0.455]
IHB-4	15 000	± 10	3.390	0.8	1.07 [27.18]	0.018 [0.455]
IHB-5	1.8	± 20	0.002	36.2	1.13 [28.70]	0.081 [2.05]
IHB-5	2.2	± 20	0.002	36.2	1.13 [28.70]	0.081 [2.05]
IHB-5	2.7	± 20	0.002	36.2	1.13 [28.70]	0.081 [2.05]
IHB-5	3.3	± 20	0.002	36.2	1.13 [28.70]	0.081 [2.05]
IHB-5	3.9	± 20	0.003	29.5	1.13 [28.70]	0.081 [2.05]
IHB-5	4.7	± 20	0.003	29.5	1.13 [28.70]	0.081 [2.05]
IHB-5	5.6	± 20	0.003	29.5	1.13 [28.70]	0.081 [2.05]
IHB-5	6.8	± 20	0.003	29.5	1.13 [28.70]	0.081 [2.05]
IHB-5	8.2	± 20	0.003	29.5	1.13 [28.70]	0.081 [2.05]
IHB-5	10	± 10	0.004	25.6	1.13 [28.70]	0.081 [2.05]
IHB-5	12	± 10	0.004	25.6	1.13 [28.70]	0.081 [2.05]
IHB-5	15	± 10	0.005	22.9	1.13 [28.70]	0.081 [2.05]
IHB-5	18	± 10	0.007	19.3	1.10 [27.94]	0.072 [1.83]
IHB-5	22	± 10	0.007	19.3	1.10 [27.94]	0.072 [1.83]
IHB-5	27	± 10	0.008	18.1	1.10 [27.94]	0.072 [1.83]
IHB-5	33	± 10	0.009	17.0	1.10 [27.94]	0.072 [1.83]
IHB-5	39	± 10	0.010	16.2	1.10 [27.94]	0.072 [1.83]
IHB-5	47	± 10	0.011	15.4	1.10 [27.94]	0.072 [1.83]
IHB-5	56	± 10	0.013	14.2	1.10 [27.94]	0.072 [1.83]
IHB-5	68	± 10	0.015	13.2	1.10 [27.94]	0.072 [1.83]
IHB-5	82	± 10	0.017	12.4	1.10 [27.94]	0.072 [1.83]
IHB-5	100	± 10	0.018	12.1	1.10 [27.94]	0.072 [1.83]
IHB-5	120	± 10	0.022	10.9	1.08 [27.43]	0.064 [1.63]
IHB-5	150	± 10	0.025	10.2	1.08 [27.43]	0.064 [1.63]
IHB-5	180	± 10	0.035	8.6	1.12 [28.45]	0.057 [1.45]
IHB-5	220	± 10	0.040	8.1	1.12 [28.45]	0.057 [1.45]
IHB-5	270	± 10	0.044	7.7	1.12 [28.45]	0.057 [1.45]
IHB-5	330	± 10	0.049	7.3	1.12 [28.45]	0.057 [1.45]
IHB-5	390	± 10	0.070	6.1	1.09 [27.69]	0.051 [1.29]
IHB-5	470	± 10	0.078	5.8	1.09 [27.69]	0.051 [1.29]
IHB-5	560	± 10	0.105	5.0	1.07 [27.18]	0.045 [1.15]
IHB-5	680	± 10	0.115	4.8	1.07 [27.18]	0.045 [1.15]
IHB-5	820	± 10	0.127	4.5	1.07 [27.18]	0.045 [1.15]
IHB-5	1000	± 10	0.176	3.9	1.05 [26.67]	0.040 [1.02]
IHB-5	1200	± 10	0.195	3.7	1.05 [26.67]	0.040 [1.02]
IHB-5	1500	± 10	0.274	3.1	1.03 [26.16]	0.036 [0.912]
IHB-5	1800	± 10	0.302	2.9	1.10 [27.94]	0.036 [0.912]
IHB-5	2200	± 10	0.338	2.8	1.10 [27.94]	0.036 [0.912]
IHB-5	2700	± 10	0.459	2.4	1.08 [27.43]	0.032 [0.812]
IHB-5	3300	± 10	0.642	2.0	1.06 [26.92]	0.028 [0.723]
IHB-5	3900	± 10	0.699	1.9	1.06 [26.92]	0.028 [0.723]
IHB-5	4700	± 10	0.775	1.8	1.06 [26.92]	0.028 [0.723]
IHB-5	5600	± 10	0.843	1.8	1.06 [26.92]	0.028 [0.723]
IHB-5	6800	± 10	1.150	1.5	1.04 [26.42]	0.025 [0.644]
IHB-5	8200	± 10	1.260	1.4	1.09 [27.69]	0.025 [0.644]
IHB-5	10 000	± 10	1.740	1.2	1.07 [27.18]	0.023 [0.573]
IHB-5	12 000	± 10	1.920	1.2	1.07 [27.18]	0.023 [0.573]
IHB-5	15 000	± 10	2.170	1.1	1.07 [27.18]	0.023 [0.573]
IHB-6	4.7	± 20	0.002	43.5	1.43 [36.32]	0.102 [2.59]
IHB-6	5.6	± 20	0.002	43.5	1.43 [36.32]	0.102 [2.59]
IHB-6	6.8	± 20	0.003	35.5	1.43 [36.32]	0.102 [2.59]
IHB-6	8.2	± 20	0.003	35.5	1.43 [36.32]	0.102 [2.59]
IHB-6	10	± 10	0.003	35.5	1.43 [36.32]	0.102 [2.59]
IHB-6	12	± 10	0.004	30.7	1.43 [36.32]	0.102 [2.59]
IHB-6	15	± 10	0.004	30.7	1.43 [36.32]	0.102 [2.59]
IHB-6	18	± 10	0.005	27.5	1.43 [36.32]	0.102 [2.59]
IHB-6	22	± 10	0.005	27.5	1.43 [36.32]	0.102 [2.59]
IHB-6	27	± 10	0.006	25.1	1.43 [36.32]	0.102 [2.59]
IHB-6	33	± 10	0.006	25.1	1.43 [36.32]	0.102 [2.59]
IHB-6	39	± 10	0.006	25.1	1.43 [36.32]	0.102 [2.59]
IHB-6	47	± 10	0.008	21.7	1.53 [38.86]	0.102 [2.59]
IHB-6	56	± 10	0.009	20.5	1.53 [38.86]	0.102 [2.59]

**STANDARD ELECTRICAL SPECIFICATIONS**

MODEL	IND. AT 1 kHz (μ H)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (A)	LEAD "E" SPACING	MAXIMUM LEAD "F" DIAMETER
IHB-6	68	± 10	0.009	20.5	1.53 [38.86]	0.102 [2.59]
IHB-6	82	± 10	0.010	19.4	1.53 [38.86]	0.102 [2.59]
IHB-6	100	± 10	0.014	16.4	1.45 [36.83]	0.081 [2.05]
IHB-6	120	± 10	0.015	15.9	1.45 [36.83]	0.081 [2.05]
IHB-6	150	± 10	0.023	12.8	1.41 [35.81]	0.072 [1.83]
IHB-6	180	± 10	0.025	12.3	1.41 [35.81]	0.072 [1.83]
IHB-6	220	± 10	0.028	11.6	1.41 [35.81]	0.072 [1.83]
IHB-6	270	± 10	0.030	11.2	1.41 [35.81]	0.072 [1.83]
IHB-6	330	± 10	0.040	9.7	1.38 [35.05]	0.064 [1.63]
IHB-6	390	± 10	0.055	8.3	1.35 [34.29]	0.057 [1.45]
IHB-6	470	± 10	0.061	7.9	1.35 [34.29]	0.057 [1.45]
IHB-6	560	± 10	0.068	7.5	1.35 [34.29]	0.057 [1.45]
IHB-6	680	± 10	0.094	6.3	1.33 [33.78]	0.051 [1.29]
IHB-6	820	± 10	0.104	6.0	1.33 [33.78]	0.051 [1.29]
IHB-6	1000	± 10	0.143	5.1	1.31 [33.27]	0.045 [1.15]
IHB-6	1200	± 10	0.156	4.9	1.40 [35.56]	0.045 [1.15]
IHB-6	1500	± 10	0.219	4.2	1.37 [34.80]	0.040 [1.02]
IHB-6	1800	± 10	0.241	4.0	1.37 [34.80]	0.040 [1.02]
IHB-6	2200	± 10	0.270	3.7	1.37 [34.80]	0.040 [1.02]
IHB-6	2700	± 10	0.364	3.2	1.34 [34.04]	0.036 [0.912]
IHB-6	3300	± 10	0.498	2.8	1.32 [33.53]	0.032 [0.812]
IHB-6	3900	± 10	0.548	2.6	1.32 [33.53]	0.032 [0.812]
IHB-6	4700	± 10	0.608	2.5	1.32 [33.53]	0.032 [0.812]
IHB-6	5600	± 10	0.671	2.4	1.38 [35.05]	0.032 [0.812]
IHB-6	6800	± 10	0.750	2.2	1.38 [35.05]	0.032 [0.812]
IHB-6	8200	± 10	1.030	1.9	1.35 [34.29]	0.028 [0.723]
IHB-6	10 000	± 10	1.160	1.8	1.35 [34.29]	0.028 [0.723]
IHB-6	12 000	± 10	1.540	1.6	1.33 [33.78]	0.025 [0.644]
IHB-6	15 000	± 10	1.750	1.5	1.33 [33.78]	0.025 [0.644]
IHB-6	18 000	± 10	1.940	1.4	1.38 [35.05]	0.025 [0.644]
IHB-6	22 000	± 10	2.740	1.2	1.36 [34.54]	0.023 [0.573]
IHB-6	27 000	± 10	3.710	1.0	1.33 [33.78]	0.020 [0.510]
IHB-6	33 000	± 10	4.160	1.0	1.33 [33.78]	0.020 [0.510]
IHB-6	39 000	± 10	5.550	0.8	1.31 [33.27]	0.018 [0.455]
IHB-6	47 000	± 10	6.190	0.8	1.34 [34.04]	0.018 [0.455]

MARKING

- Model
- Value
- Date code

ORDERING INFORMATION

IHB-1	10 μ H	± 10 %	EB	e2
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC® LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER

I	H	B	1	E	B	1	0	0	K
MODEL				PACKAGE CODE		INDUCTANCE VALUE			INDUCTANCE TOLERANCE



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IHB1BV100K	IHB4BV121K	IHB1BV150K	IHB1BV3R9M	IHB1BV180K	IHB4BV153K	IHB3BV681K	IHB3BV332K
IHB1BV101K	IHB1BV470K	IHB1BV221K	IHB3 330 10%	IHB3 470 10%	IHB2EB151K	IHB3 680 10%	IHB2BV4R7M
IHB1BV220K	IHB2BV181K	IHB4BV681K	IHB5BV561K	IHB2BV100K	IHB4BV331K	IHB4BV332K	IHB3BV220K
IHB1BV121K	IHB3BV101K	IHB6BV103K	IHB4BV102K	IHB3BV471K	IHB5EB331K	IHB4EB221K	IHB3BV331K
IHB5EB561K	IHB6BV682K	IHB1BV271K	IHB6BV821K	IHB1EB100K	IHB1EB101K	IHB1EB120K	IHB1EB150K
IHB1EB180K	IHB1EB220K	IHB2EB102K	IHB3EB220K	IHB4EB121K	IHB4EB331K	IHB6EB103K	IHB1BV390K
IHB1BV4R7M	IHB1EB330K	IHB2BV121K	IHB2BV270K	IHB2BV3R3M	IHB2BV820K	IHB2EB101K	IHB2EB120K
IHB2EB221K	IHB2EB222K	IHB2EB3R9M	IHB2EB471K	IHB2EB4R7M	IHB2EB680K	IHB2EB681K	IHB2EB820K
IHB3BV390K	IHB3BV472K	IHB3BV561K	IHB3EB101K	IHB3EB102K	IHB3EB221K	IHB3EB270K	IHB3EB331K
IHB3EB470K	IHB3EB472K	IHB4BV181K	IHB4BV391K	IHB4BV472K	IHB4EB102K	IHB5BV222K	IHB5BV4R7M
IHB5BV562K	IHB5BV820K	IHB5BV822K	IHB5EB101K	IHB6BV121K	IHB6BV122K	IHB6BV183K	IHB6BV221K
IHB6BV271K	IHB6BV331K	IHB6BV393K	IHB6BV471K	IHB6BV820K	IHB6BV822K	IHB6EB183K	IHB6EB221K
IHB6EB333K	IHB3EB5R6M	IHB4EB470K	IHB6EB102K				