Filter Inductors, High Current, Radial Leaded



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

Pb-free

RoHS COMPLIANT

HALOGEN FREE

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 +40 °C temperature rise

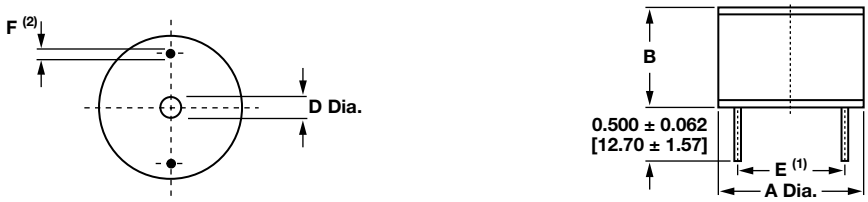
Operating temperature: -55 °C to +130 °C (no load), -55 °C to +80 °C (at full rated current)

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

(2) F varies between components, see individual model specifications for details

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. AT 1 kHz (µH)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (A)	LEAD "E" SPACING APPROXIMATE	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]

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STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. AT 1 kHz (µH)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (A)	LEAD "E" SPACING APPROXIMATE	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]

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STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. AT 1 kHz (µH)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (A)	LEAD "E" SPACING APPROXIMATE	MAXIMUM LEAD "F" DIAMETER
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]

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STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. AT 1 kHz (µH)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (A)	LEAD "E" SPACING APPROXIMATE	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 µH	± 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
PRODUCT FAMILY	PACKAGE CODE	INDUCTANCE VALUE	IMPEDANCE TOLERANCE
	EB = tape and reel	**100** = 10 µH	**K** = ± 10 %

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