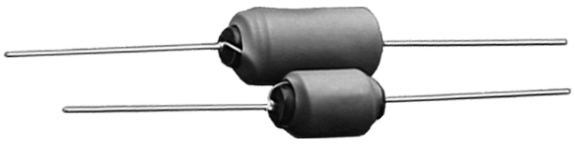
Filter Inductors

High Current



STANDARD ELECTRICAL SPECIFICATIONS				
MODEL	IND. at 1 kHz (µH)	TOL.	DCR MAX. (Ohms)	RATED CURRENT (Max. Amps)
IHA-101	50	± 10 %	0.120	2.5
IHA-102	100	± 10 %	0.160	2.1
IHA-103	250	± 10 %	0.280	1.8
IHA-104	500	± 10 %	0.420	1.6
IHA-105	1000	± 10 %	0.600	1.4
IHA-201	27	± 10 %	0.060	3.7
IHA-202	50	± 10 %	0.085	3.1
IHA-203	100	± 10 %	0.120	2.7
IHA-204	250	± 10 %	0.200	2.4
IHA-205	500	± 10 %	0.320	2.3
IHA-301	5	± 10 %	0.015	6.8
IHA-302	10	± 10 %	0.021	6.1
IHA-303	27	± 10 %	0.040	4.8
IHA-304	50	± 10 %	0.050	4.3
IHA-305	100	± 10 %	0.070	4.2
IHA-501	5	± 10 %	0.010	9.3
IHA-502	10	± 10 %	0.015	8.3
IHA-503	27	± 10 %	0.030	6.5
IHA-504	50	± 10 %	0.040	6.1
IHA-505	100	± 10 %	0.060	5.9

ELECTRICAL SPECIFICATIONS

Inductance: Measured at 1.0 V with zero DC current

Current Rating: Maximum continuous operating current (DC or RMS) based on 50 °C temperature rise

Dielectric Rating: 2500 VRMS, 60 Hz, applied for one minute between winding and outer circumference to within 0.250" [6.35 mm] of the insulation sleeve edge

Operating Temperature: - 55 °C to + 125 °C (no load) - 55 °C to + 75 °C (at full rated current)

MECHANICAL SPECIFICATIONS

Winding: Layered solenoid type

Wire: Solid soft copper

Terminals: Tinned copper leads

Encapsulant: Polyolefin tubing

Core Material: Ferrite

APPLICATIONS

Noise filtering for switching regulators, power amplifiers, power supplies and SCR and Triac control circuits

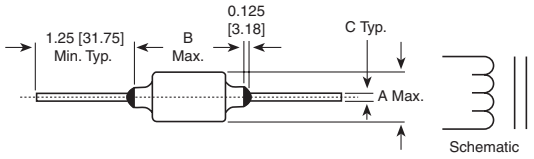
FEATURES

- Printed circuit mounting (axial leads)
- Pre-tinned leads
- Low cost construction
- Protected by polyolefin tubing - flame retardant UL type VW-1 per MIL-I-23053/5, Class 3 requirements

Pb-free

RoHS COMPLIANT

DIMENSIONS in inches [millimeters]



MODEL	A (Max.)	B (Max.)	C ± 0.002 [0.050]
IHA-101	0.475 [12.07]	0.800 [20.32]	0.032 [0.813]
IHA-102	0.475 [12.07]	0.800 [20.32]	0.032 [0.813]
IHA-103	0.475 [12.07]	1.050 [26.67]	0.032 [0.813]
IHA-104	0.550 [13.97]	1.050 [26.67]	0.032 [0.813]
IHA-105	0.550 [13.97]	1.175 [29.85]	0.032 [0.813]
IHA-201	0.500 [12.70]	0.800 [20.32]	0.032 [0.813]
IHA-202	0.500 [12.70]	0.800 [20.32]	0.032 [0.813]
IHA-203	0.500 [12.70]	0.920 [23.37]	0.032 [0.813]
IHA-204	0.600 [15.24]	0.920 [23.37]	0.032 [0.813]
IHA-205	0.750 [19.05]	1.050 [26.67]	0.032 [0.813]
IHA-301	0.475 [12.07]	0.800 [20.32]	0.032 [0.813]
IHA-302	0.475 [12.07]	0.920 [23.37]	0.032 [0.813]
IHA-303	0.550 [13.97]	0.800 [20.32]	0.032 [0.813]
IHA-304	0.550 [13.97]	0.920 [23.37]	0.032 [0.813]
IHA-305	0.550 [13.97]	1.175 [29.85]	0.032 [0.813]
IHA-501	0.475 [12.07]	1.050 [26.67]	0.040 [1.02]
IHA-502	0.475 [12.07]	1.050 [26.67]	0.040 [1.02]
IHA-503	0.700 [17.78]	1.050 [26.67]	0.040 [1.02]
IHA-504	0.700 [17.78]	1.050 [26.67]	0.040 [1.02]
IHA-505	0.700 [17.78]	1.300 [33.02]	0.040 [1.02]

MARKING

- Vishay Dale
- Model
- Date code

DESCRIPTION

IHA-101	50 µH	10 %	EB	e2
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER

I	H	A	1	0	1	E	B
MODEL						PACKAGE CODE	

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