



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

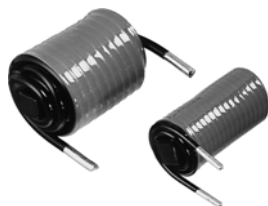
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## Filter Inductors, High Current, Radial Leded



### ELECTRICAL SPECIFICATIONS

**Inductance:** Measured at 1.0 V with no DC current

**Incremental Current:** 2500 V<sub>RMS</sub> 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)

### FEATURES

- Printed circuit mounting
- Pre-tinned leads
- Protected by polyolefin tubing - flame retardant UL type VW-1 per MIL-I-23053/5, class 3 requirements
- Compliant to RoHS Directive 2002/95/EC



**RoHS**  
COMPLIANT

### MECHANICAL SPECIFICATIONS

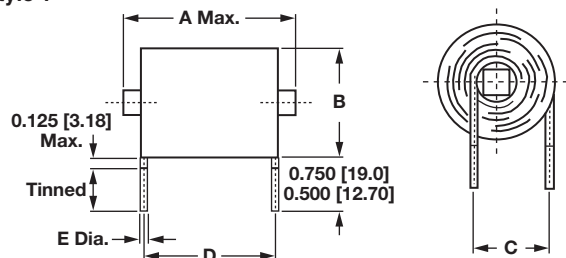
**Terminals:** Extensions of the winding, solder coated

**Core Material:** Iron laminations

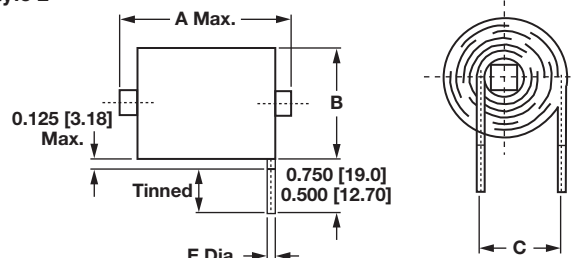
**Encapsulant:** Polyolefin tubing

### DIMENSIONS in inches [millimeters]

Style 1



Style 2



MODEL	STYLE	A (MAX.)	B ± 0.050 [± 1.27]	C ± 0.062 [± 1.57]	D ± 0.062 [± 1.57]	E (DIA.)	TYPICAL WEIGHT (g)
IHV-15-500	1	2.45 [62.23]	1.45 [36.83]	0.980 [24.89]	1.95 [49.53]	0.082 [2.08]	305
IHV-20-200	2	2.45 [62.23]	1.45 [36.83]	0.980 [24.89]	-	0.102 [2.59]	310
IHV-28-60	2	2.45 [62.23]	1.02 [25.91]	0.770 [19.56]	-	0.102 [2.59]	160
IHV-30-150	2	2.45 [62.23]	1.65 [41.91]	1.080 [27.43]	-	0.129 [3.28]	470
IHV-40-39	2	2.45 [62.23]	1.15 [29.21]	0.820 [20.83]	-	0.129 [3.28]	210
IHV-45-92	2	2.55 [64.77]	1.92 [48.77]	1.210 [30.73]	-	0.162 [4.11]	650
IHV-50-50	1	2.55 [64.77]	1.57 [39.88]	1.050 [26.67]	2.10 [53.34]	0.162 [4.11]	420
IHV-60-24	2	2.45 [62.23]	1.27 [32.26]	0.890 [22.61]	-	0.162 [4.11]	270

### STANDARD ELECTRICAL SPECIFICATIONS

MODEL	IND. AT 1 kHz (μH) <sup>(1)</sup>	TOL. (%)	SRF MIN. (MHz)	DCR MAX. (Ω)	RATED DC CURRENT (mA)
IHV-15-500	500	± 10	0.8	0.0500	15 000
IHV-20-200	200	± 10	1.2	0.0210	20 000
IHV-28-60	60	± 10	1.9	0.0085	28 000
IHV-30-150	150	± 10	2.1	0.0130	30 000
IHV-40-39	39	± 10	2.5	0.0048	40 000
IHV-45-92	92	± 10	2.9	0.0075	45 000
IHV-50-50	50	± 10	3.1	0.0045	50 000
IHV-60-24	24	± 10	5.7	0.0025	60 000

#### Note

<sup>(1)</sup> Will not change more than ± 10 % at rated current

**MARKING**

- Vishay Dale
- Model
- Date code

**ORDERING INFORMATION**

<b>IHV-15</b>	<b>500 <math>\mu</math>H</b>	<b><math>\pm 10</math> %</b>	<b>EB</b>	<b>e2</b>
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD

**GLOBAL PART NUMBER**

I	H	V	1	5
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MODEL

E	B
---	---

PACKAGE  
CODE

5	0	0
---	---	---

INDUCTANCE  
VALUE

**Note**

- See the end of this data book for conversion tables



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