

Filter Inductors, High Current, Radial Leaded



ELECTRICAL SPECIFICATIONS

Inductance: measured at 1.0 V with no DC current

Incremental current: $2500 \text{ V}_{\text{RMS}}$ between winding and outer circumference to within 0.250" [6.35 mm] of the insulation sleeve edge

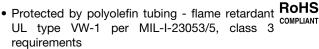
Operating temperature: -55 °C to +125 °C (no load),

-55 °C to +75 °C (at full rated current)

Maximum usable frequency: 20 kHz

FEATURES

- · Printed circuit mounting
- Pre-tinned leads



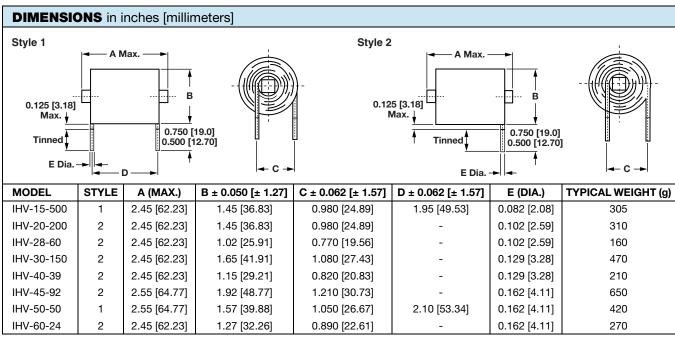
 Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



MECHANICAL SPECIFICATIONS

Terminals: extensions of the winding, solder coated

Core material: iron laminations **Encapsulant:** polyolefin tubing



STANDARD ELECTRICAL SPECIFICATIONS						
MODEL	IND. AT 1 kHz (μH) ⁽¹⁾	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

⁽¹⁾ Will not change more than \pm 10 % at rated current





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Vishay Dale

MARKING

- Vishay Dale
- Model
- Date code

ORDERING INFORMATION							
IHV-15	500 μH	± 10 %	ЕВ	e2			
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD			

GLOBAL PART NUMBER		
I H V 1 5	ЕВ	5 0 0
MODEL	PACKAGE CODE	INDUCTANCE VALUE

Note

• See the end of this data book for conversion tables



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