Filter Inductors
High Current

FEATURES
- Totally encapsulated using a potted flame-resistant shell
- Pre-tinned leads
- Printed circuit mounting

Pb-free
RoHS COMPLIANT

STANDARD ELECTRICAL SPECIFICATIONS			
IND. at 1 kHz (µH)	TOL.	DCR MAX. (Ohms)	RATED CURRENT (Max. Amps)
1.0	± 10 %	0.005	17.80
1.2	± 10 %	0.005	17.00
1.5	± 10 %	0.006	16.20
1.8	± 10 %	0.006	15.60
2.2	± 10 %	0.007	15.00
2.7	± 10 %	0.008	14.50
3.3	± 10 %	0.008	14.00
3.9	± 10 %	0.009	13.50
4.7	± 10 %	0.010	13.00
5.6	± 10 %	0.011	12.75
6.8	± 10 %	0.012	12.50
8.2	± 10 %	0.013	11.25
10.0	± 10 %	0.014	10.00
12.0	± 10 %	0.016	9.25
15.0	± 10 %	0.022	8.50
18.0	± 10 %	0.024	7.50
22.0	± 10 %	0.033	6.50
27.0	± 10 %	0.037	6.00
33.0	± 10 %	0.051	5.50
39.0	± 10 %	0.056	5.00
47.0	± 10 %	0.076	4.50
56.0	± 10 %	0.084	4.25
68.0	± 10 %	0.093	4.00
82.0	± 10 %	0.103	3.65
100.0	± 10 %	0.140	3.30
120.0	± 10 %	0.175	3.00
150.0	± 10 %	0.210	2.70
180.0	± 10 %	0.241	2.45
220.0	± 10 %	0.330	2.20
270.0	± 10 %	0.420	1.95
330.0	± 10 %	0.510	1.70
390.0	± 10 %	0.561	1.65
470.0	± 10 %	0.610	1.60
560.0	± 10 %	0.687	1.45
680.0	± 10 %	0.910	1.30
820.0	± 10 %	1.030	1.15
1000.0	± 10 %	1.400	1.00
1200.0	± 10 %	1.570	0.92
1500.0	± 10 %	2.200	0.84
1800.0	± 10 %	2.420	0.77
2200.0	± 10 %	3.300	0.69
2700.0	± 10 %	3.720	0.62
3300.0	± 10 %	5.100	0.55
3900.0	± 10 %	5.580	0.50
4700.0	± 10 %	7.700	0.45
5600.0	± 10 %	8.320	0.41
6800.0	± 10 %	11.700	0.36
8200.0	± 10 %	12.800	0.35
10000.0	± 10 %	14.200	0.33
12000.0	± 10 %	15.700	0.30
15000.0	± 10 %	21.900	0.26

ELECTRICAL SPECIFICATIONS
Inductance: Measured at 1.0 V with no DC current

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

Dielectric Rating: 1500 VRMS between windings and top of component

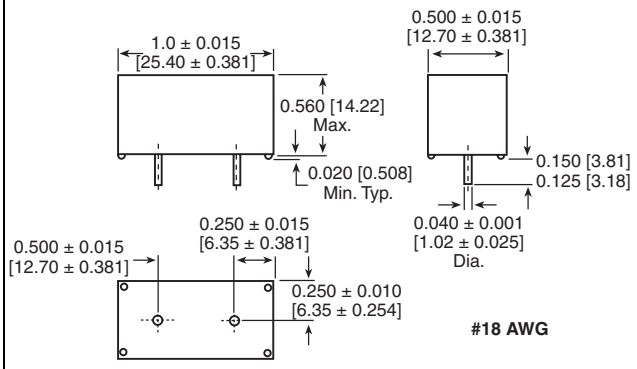
Operating Temperature: - 55 °C to + 125 °C (no load)
- 55 °C to + 75 °C (at full rated current)

MECHANICAL SPECIFICATIONS
Terminals: 18 AWG tinned copper

Encapsulant: Flame-resistant shell potted with epoxy

Core Material: Ferrite

DIMENSIONS in inches [millimeters]



MARKING
- Vishay Dale
- Model
- Value
- Date code

ORDERING INFORMATION

IHM-2	10 µH	± 10 %	EB	e3
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER INFORMATION

I	H	M	2	E	B	1	0	0	K
MODEL				PACKING CODE		INDUCTANCE VALUE			TOL.

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