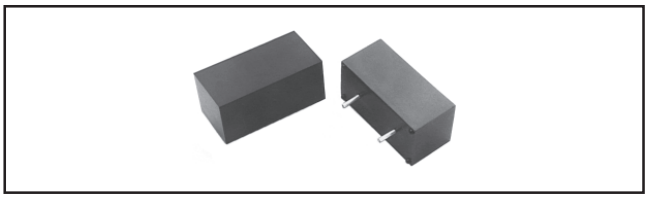
Filter Inductors

High Current



STANDARD ELECTRICAL SPECIFICATIONS

IND. @ 1kHz (µH)	TOLERANCE	DCR MAXIMUM (Ohms)	RATED CURRENT (Max. Amps)
1.0	± 10%	.005	17.8
1.2	± 10%	.005	17.0
1.5	± 10%	.006	16.2
1.8	± 10%	.006	15.6
2.2	± 10%	.007	15.0
2.7	± 10%	.008	14.5
3.3	± 10%	.008	14.0
3.9	± 10%	.009	13.5
4.7	± 10%	.010	13.0
5.6	± 10%	.011	12.75
6.8	± 10%	.012	12.50
8.2	± 10%	.013	11.25
10.0	± 10%	.014	10.0
12.0	± 10%	.016	9.25
15.0	± 10%	.022	8.50
18.0	± 10%	.024	7.50
22.0	± 10%	.033	6.50
27.0	± 10%	.037	6.0
33.0	± 10%	.051	5.50
39.0	± 10%	.056	5.0
47.0	± 10%	.076	4.50
56.0	± 10%	.084	4.25
68.0	± 10%	.093	4.0
82.0	± 10%	.103	3.65
100.0	± 10%	.140	3.30
120.0	± 10%	.175	3.0
150.0	± 10%	.210	2.70
180.0	± 10%	.241	2.45
220.0	± 10%	.330	2.20
270.0	± 10%	.420	1.95
330.0	± 10%	.510	1.70
390.0	± 10%	.561	1.65
470.0	± 10%	.610	1.60
560.0	± 10%	.687	1.45
680.0	± 10%	.910	1.30
820.0	± 10%	1.03	1.15
1000.0	± 10%	1.40	1.0
1200.0	± 10%	1.57	.92
1500.0	± 10%	2.20	.84
1800.0	± 10%	2.42	.77
2200.0	± 10%	3.30	.69
2700.0	± 10%	3.72	.62
3300.0	± 10%	5.10	.55
3900.0	± 10%	5.58	.50
4700.0	± 10%	7.70	.45
5600.0	± 10%	8.32	.41
6800.0	± 10%	11.70	.36
8200.0	± 10%	12.80	.35
10000.0	± 10%	14.20	.33
12000.0	± 10%	15.70	.30
15000.0	± 10%	21.90	.26

FEATURES

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

ELECTRICAL SPECIFICATIONS

Inductance: Measured at 1V with no DC current.

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

Dielectric Rating: 1500V RMS 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

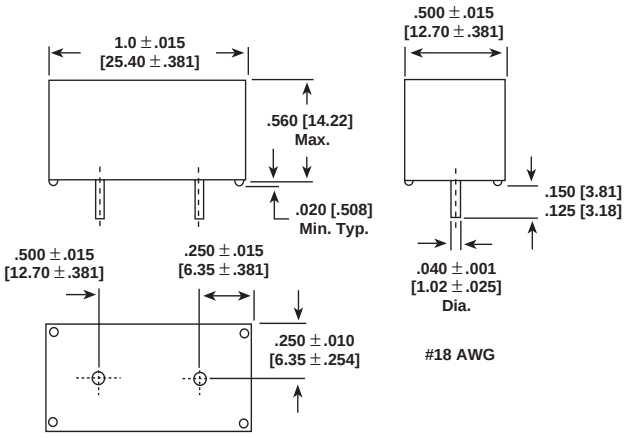
Terminals: 18 AWG tinned copper.

Encapsulant: Flame-resistant shell potted with epoxy.

Core Material: Ferrite.

DIMENSIONAL CONFIGURATIONS

[Numbers in brackets indicate millimeters]



PART MARKING

— Vishay Dale
— Model
— Value
— Date code

HOW TO ORDER

IHM-2	10µH	±10%
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE