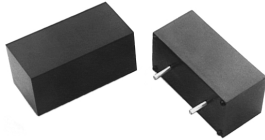


Filter Inductors

High Current



STANDARD ELECTRICAL SPECIFICATIONS

IND. @ 1kHz (μ H)	TOLERANCE	DCR MAXIMUM (Ohms)	RATED CURRENT (Max. Amps)
1.0	$\pm 10\%$	0.005	17.8
1.2	$\pm 10\%$	0.005	17.0
1.5	$\pm 10\%$	0.006	16.2
1.8	$\pm 10\%$	0.006	15.6
2.2	$\pm 10\%$	0.007	15.0
2.7	$\pm 10\%$	0.008	14.5
3.3	$\pm 10\%$	0.008	14.0
3.9	$\pm 10\%$	0.009	13.5
4.7	$\pm 10\%$	0.010	13.0
5.6	$\pm 10\%$	0.011	12.75
6.8	$\pm 10\%$	0.012	12.50
8.2	$\pm 10\%$	0.013	11.25
10.0	$\pm 10\%$	0.014	10.0
12.0	$\pm 10\%$	0.016	9.25
15.0	$\pm 10\%$	0.022	8.50
18.0	$\pm 10\%$	0.024	7.50
22.0	$\pm 10\%$	0.033	6.50
27.0	$\pm 10\%$	0.037	6.0
33.0	$\pm 10\%$	0.051	5.50
39.0	$\pm 10\%$	0.056	5.0
47.0	$\pm 10\%$	0.076	4.50
56.0	$\pm 10\%$	0.084	4.25
68.0	$\pm 10\%$	0.093	4.0
82.0	$\pm 10\%$	0.103	3.65
100.0	$\pm 10\%$	0.140	3.30
120.0	$\pm 10\%$	0.175	3.0
150.0	$\pm 10\%$	0.210	2.70
180.0	$\pm 10\%$	0.241	2.45
220.0	$\pm 10\%$	0.330	2.20
270.0	$\pm 10\%$	0.420	1.95
330.0	$\pm 10\%$	0.510	1.70
390.0	$\pm 10\%$	0.561	1.65
470.0	$\pm 10\%$	0.610	1.60
560.0	$\pm 10\%$	0.687	1.45
680.0	$\pm 10\%$	0.910	1.30
820.0	$\pm 10\%$	1.03	1.15
1000.0	$\pm 10\%$	1.40	1.0
1200.0	$\pm 10\%$	1.57	0.92
1500.0	$\pm 10\%$	2.20	0.84
1800.0	$\pm 10\%$	2.42	0.77
2200.0	$\pm 10\%$	3.30	0.69
2700.0	$\pm 10\%$	3.72	0.62
3300.0	$\pm 10\%$	5.10	0.55
3900.0	$\pm 10\%$	5.58	0.50
4700.0	$\pm 10\%$	7.70	0.45
5600.0	$\pm 10\%$	8.32	0.41
6800.0	$\pm 10\%$	11.70	0.36
8200.0	$\pm 10\%$	12.80	0.35
10000.0	$\pm 10\%$	14.20	0.33
12000.0	$\pm 10\%$	15.70	0.30
15000.0	$\pm 10\%$	21.90	0.26

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: 1500VRMS between windings and top of component.

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

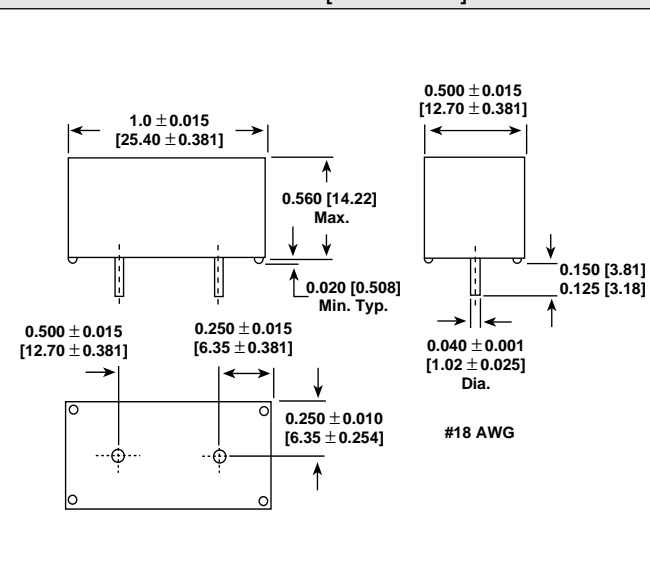
MECHANICAL SPECIFICATIONS

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 μ H	$\pm 10\%$
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE