



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

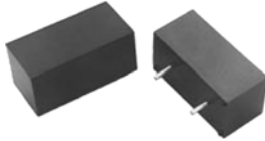
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Filter Inductors, High Current, Radial Leaded



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 V_{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)

FEATURES

- Totally encapsulated using a potted flame-resistant shell
- Pre-tinned leads
- Printed circuit mounting
- Compliant to RoHS Directive 2002/95/EC



RoHS
COMPLIANT

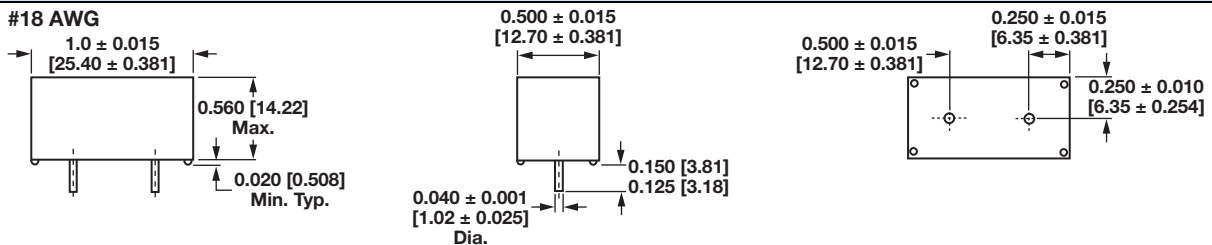
MECHANICAL SPECIFICATIONS

Terminals: 18 AWG tinned copper

Core Material: Ferrite

Encapsulant: Flame-resistant shell potted with epoxy

DIMENSIONS in inches [millimeters]



STANDARD ELECTRICAL SPECIFICATIONS

IND. AT 1 kHz (μH)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (mA)
1.0	± 10	0.005	17 800
1.2	± 10	0.005	17 000
1.5	± 10	0.006	16 200
1.8	± 10	0.006	15 600
2.2	± 10	0.007	15 000
2.7	± 10	0.008	14 500
3.3	± 10	0.008	14 000
3.9	± 10	0.009	13 500
4.7	± 10	0.010	13 000
5.6	± 10	0.011	12 750
6.8	± 10	0.012	12 500
8.2	± 10	0.013	11 250
10.0	± 10	0.014	10 000
12.0	± 10	0.016	9250
15.0	± 10	0.022	8500
18.0	± 10	0.024	7500
22.0	± 10	0.033	6500
27.0	± 10	0.037	6000
33.0	± 10	0.051	5500
39.0	± 10	0.056	5000
47.0	± 10	0.076	4500
56.0	± 10	0.084	4250
68.0	± 10	0.093	4000
82.0	± 10	0.103	3650
100.0	± 10	0.140	3300
120.0	± 10	0.175	3000
150.0	± 10	0.210	2700
180.0	± 10	0.241	2450
220.0	± 10	0.330	2200
270.0	± 10	0.420	1950
330.0	± 10	0.510	1700
390.0	± 10	0.561	1650
470.0	± 10	0.610	1600
560.0	± 10	0.687	1450
680.0	± 10	0.910	1300
820.0	± 10	1.030	1150



STANDARD ELECTRICAL SPECIFICATIONS			
IND. AT 1 kHz (μ H)	TOL. (%)	DCR MAX. (Ω)	RATED DC CURRENT (mA)
1000.0	± 10	1.400	1000
1200.0	± 10	1.570	920
1500.0	± 10	2.200	840
1800.0	± 10	2.420	770
2200.0	± 10	3.300	690
2700.0	± 10	3.720	620
3300.0	± 10	5.100	550
3900.0	± 10	5.580	500
4700.0	± 10	7.700	450
5600.0	± 10	8.320	410
6800.0	± 10	11.700	360
8200.0	± 10	12.800	350
10 000.0	± 10	14.200	330
12 000.0	± 10	15.700	300
15 000.0	± 10	21.900	260

MARKING
<ul style="list-style-type: none"> - 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													
<table border="1" style="margin: auto;"> <tr><td>I</td><td>H</td><td>M</td><td>2</td></tr> </table> <p>MODEL</p>	I	H	M	2	<table border="1" style="margin: auto;"> <tr><td>E</td><td>B</td></tr> </table> <p>PACKAGE CODE</p>	E	B	<table border="1" style="margin: auto;"> <tr><td>1</td><td>0</td><td>0</td></tr> </table> <p>INDUCTANCE VALUE</p>	1	0	0	<table border="1" style="margin: auto;"> <tr><td>K</td></tr> </table> <p>INDUCTANCE TOLERANCE</p>	K
I	H	M	2										
E	B												
1	0	0											
K													



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