

SMT Power Inductor

HAH1358 Type

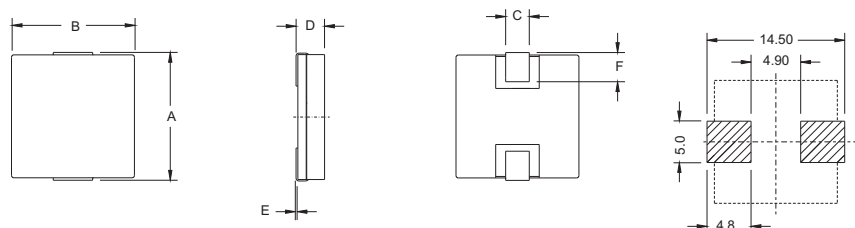
Features

- RoHS compliant.
- Low profile (5.8mm max. height) SMD type.
- Magnetically shielded, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor application.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.



Mechanical Dimension:

RECOMMENDED PAD PATTERNS



UNIT : mm / inch
 A = 13.0±0.5 / 0.512±0.020
 B = 12.7±0.4 / 0.500±0.016
 C = 4.00 / 0.157
 D = 5.80 / 0.228 Max.
 E = 0.03 / 0.001
 F = 3.00 / 0.118

Electrical Characteristics: At 25°C: 100KHz, 1V

PART NO.	Lo ¹ (uH)	Li (uH)±20%	DCR (mΩ) MAX	Isat ² (A dc)
HAH1358-0R5	0.50	0.42	1.10	35
HAH1358-1R0	1.00	0.80	1.90	30
HAH1358-1R4	1.40	1.20	2.40	30
HAH1358-2R2	2.20	2.00	5.00	18
HAH1358-3R0	3.00	2.60	6.20	12

1. Lo is the initial inductance.
2. Isat is the DC current which cause the inductance drop to Li.
3. Operating temperature : -20°C to 105°C (including self-temperature rise).



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