

# SMT Power Inductor

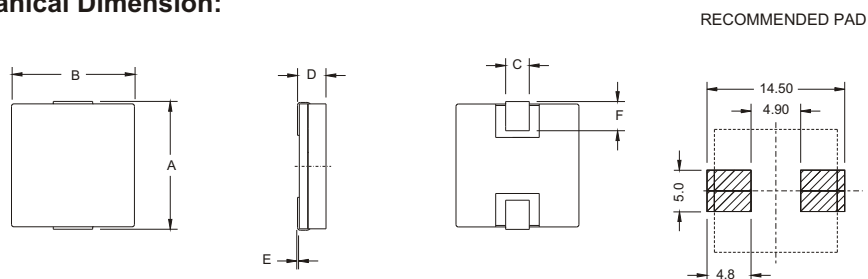
## HAH1340 Type

### Features

- Low profile (4.0mm 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:



UNIT : mm / inch  
 A = 13.0±0.5 / 0.512±0.020  
 B = 12.7±0.4 / 0.500±0.016  
 C = 2.4 / 0.094  
 D = 4.0 / 0.157 Max.  
 E = 0.03 / 0.001  
 F = 3.0 / 0.118

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

PART NO.	Lo ( $\mu$ H) Typ.	Li <sup>1</sup> ( $\mu$ H) ±20%	DCR (m $\Omega$ ) MAX	Isat (Amperes)
HAH1340-0R2	0.25	0.20	0.80	40
HAH1340-0R6	0.60	0.50	2.50	30
HAH1340-1R2	1.20	1.00	3.45	22
HAH1340-1R8	1.80	1.60	12.00	12
HAH1340-2R7	2.70	2.40	14.00	10

1. Li is the inductance at Isat
2. Operating temperature: -20°C to 105°C (including self-temperature rise)



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