

SMT Power Inductor

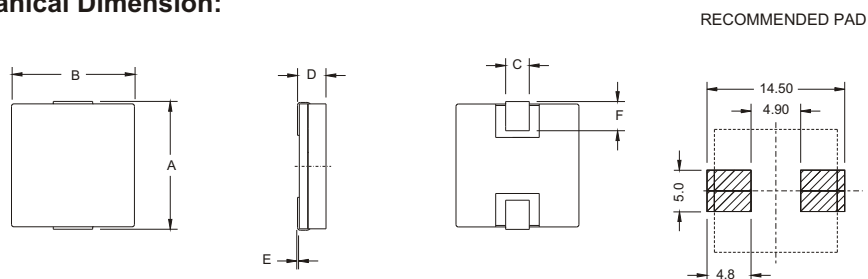
HAH1340 Type

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 (μ H) Typ. | Li ¹ (μ H) ±20% | DCR (m Ω) 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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