

SMT Power Inductor

HAH1365 Type

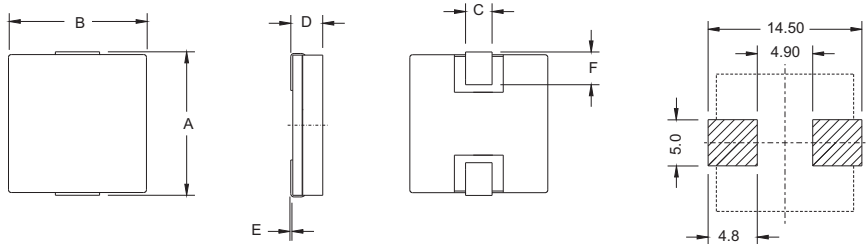
Features

- RoHS compliant.
- Low profile (6.5mm 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 = 6.50 / 0.256 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 (Adc)
HAH1365-0R2	0.20	0.20	0.50	50
HAH1365-0R4	0.50	0.40	1.00	45
HAH1365-1R0	1.00	0.80	1.80	30

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).



DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) 252, SAN YING ROAD, KUEISAN INDUSTRIAL ZONE, TAOYUAN SHIEN, 333, TAIWAN, R.O.C.

TEL: 886-3-3591968; FAX: 886-3-3591991

<http://www.deltaww.com>