## **SMT Power Inductor**

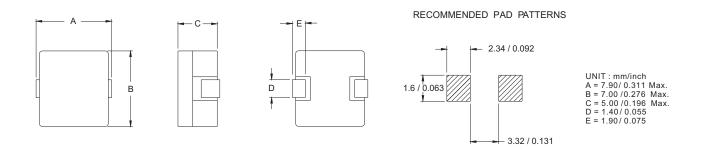
## **HAH65 Type**

## **Features**

- RoHS compliant.
- Low profile, SMD type.
- High current.
- Magnetic shielded.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor applications.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.



## **Mechanical Dimension:**



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

PART NO.	Lo <sup>1</sup> (uH)	Li (uH)	DCR $(m\Omega)$ MAX	Isat <sup>2</sup> (Adc)	Irms <sup>3</sup> (Adc)
HAH65-R68	0.68	0.60	3.2	22.0	17.0
HAH65-1R0	1.00	0.80	4.7	15.0	16.0
HAH65-1R5	1.50	1.20	5.5	16.0	15.0
HAH65-6R0	6.00	6.00	18.0	3.0	5.5

- 1. Lo is the initial inductance and the tolerance of inductance is  $\pm 20\%$ .
- 2. Isat is the DC current which cause the inductance drop to Li.
- 3. Irms is the DC current which cause the surface temperature of the part increase less than 45°C. 4. Operating temperature: -40°C to 125°C (including self-temperature rise).

