

**FHC Series**  
**SMD Flat Wire High Current Inductor**  
**Size 1335**



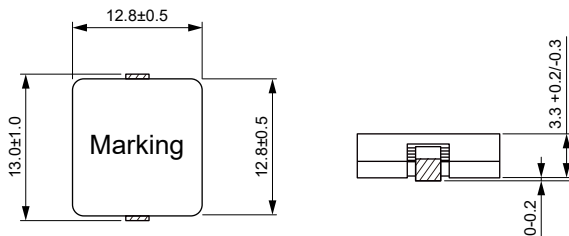
**CHARACTERISTICS**

- Low Rdc with flat wire design
- Low cooper losses at high frequency
- Magnetic shielded structure
- Quantity: 400pcs

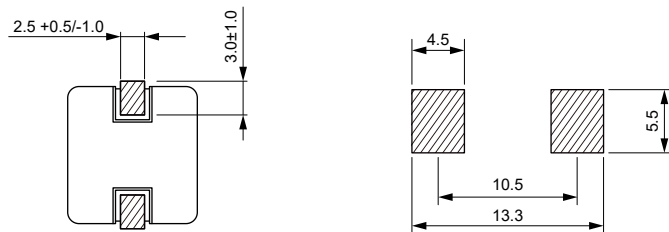
**APPLICATION**

- High current DC/DC converter
- LC filter

**Dimensions: [mm]**



**Land Pattern: [mm]**



**Electrical Properties:**

Part No	Inductance (μH)	Tolerance	Temperature Rise Current (A)	Saturation Current (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
FHC1335-R25M	0.25	±20%	24.0	60.0	0.75	0.80
FHC1335-R47M	0.47	±20%	22.0	48.0	1.67	2.00
FHC1335-R68M	0.68	±20%	22.0	30.0	1.58	1.70
FHC1335-1R2M	1.20	±20%	17.0	28.0	2.85	3.10
FHC1335-1R8M	1.80	±20%	14.0	22.0	5.60	6.20
FHC1335-2R2M	2.20	±20%	14.0	18.0	5.70	6.30
FHC1335-3R3M	3.30	±20%	12.0	14.0	8.10	8.90

Operating Temperature : -40 °C to +125 °C

Temperature Rise Current: the actual value of DC current when the temperature rise is ΔT50 °C

Saturation Current that will cause initial inductance to drop approximately 30%

Typical Electrical Characteristics:

