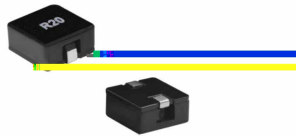
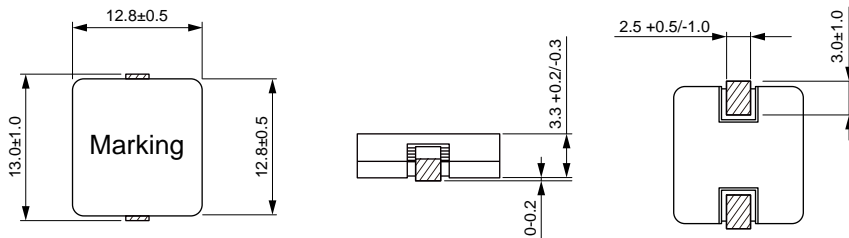


SMD Flat Wire High Current Inductor Size 1335

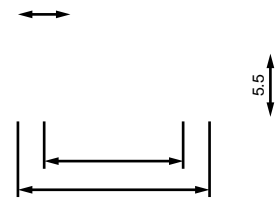


-
-
-
-
- Magnetic shielded structure
-
- High current DC/DC converter
LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

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

Operating Temperature: -40°C to $+125^{\circ}\text{C}$

Temperature Rise Current: the actual value of DC current when the temperature rise is $T50^{\circ}\text{C}$

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



Typical Electrical Characteristics:

