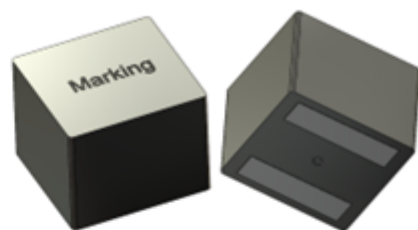
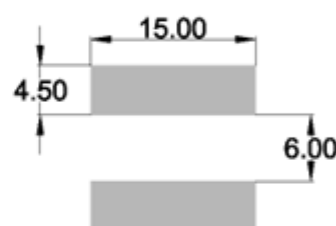


**SPIF150-130-SERIES-A****Applications**

- Noise suppression for motors : windshield wipers / power seats / power mirrors / heating and ventilation blower / HID lighting
- Engine and transmission control units
- DC/DC converters for entertainment/navigation systems
- LED drivers
- Battery power systems

Environmental data

- Operating temperature range : -55°C ~ +155°C(component)
- Storage conditions (packaged) : -25°C ~ +40°C, ≤75% RH
- Complies with AEC-Q200 standard

Dimensions [Unit : mm]**Picture****Land Pattern [Unit : mm]****Specifications**

Part No.	L0 Inductance(uH) 100kHz, 1V, 0A	DCR (mΩ)		Saturation Current DC(A) a)	Heating Rating Current DC(A) b)
		TYP.	MAX.		
SPIF150-130-4R7M-A	4.7±20%	2.7	3.3	44	31
SPIF150-130-5R6M-A	5.6±20%	3.2	3.9	40	29
SPIF150-130-6R8M-A	6.8±20%	3.5	4.2	37	27
SPIF150-130-8R2M-A	8.2±20%	4.7	5.7	33	26
SPIF150-130-100M-A	10.0±20%	5.8	7	30	25
SPIF150-130-150M-A	15.0±20%	6.2	7.5	25.5	22
SPIF150-130-220M-A	22.0±20%	11.5	13.8	22	17
SPIF150-130-330M-A	33.0±20%	18.5	22.2	19	14

Notes

- * All test data is referenced to 25 °C ambient
- a) DC current (A) that will cause L0 to drop approximately 30 %
- b) DC current (A) that will cause an approximate ΔT of 40 °C

Packing Q'ty (PCS)

- * Reel : 100
- * Box : 300



SPIF150-130-SERIES-A

■ Performance Graph

— Inductance (uH)
— Temperature Rise (°C)

