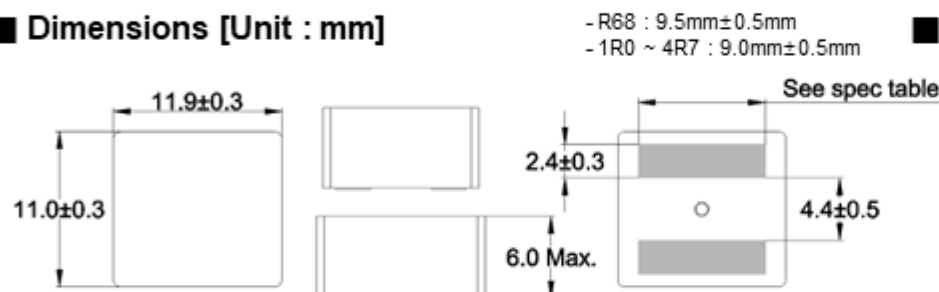
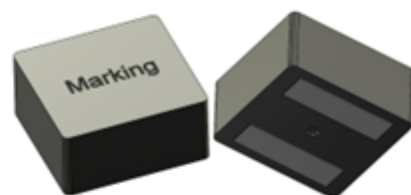
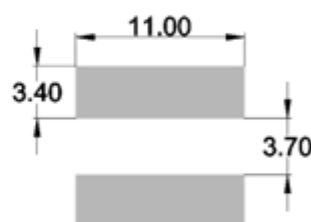


**SPIF100-60-SERIES-A****Applications**

- 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.		
SPIF100-60-R68M-A	0.68±20%	1.25	1.5	55	34
SPIF100-60-1R0M-A	1.0±20%	1.9	2.3	48	28.5
SPIF100-60-1R2M-A	1.2±20%	2.15	2.6	45	26.5
SPIF100-60-1R5M-A	1.5±20%	2.75	3.3	40	24.5
SPIF100-60-2R2M-A	2.2±20%	4	4.8	35	20
SPIF100-60-3R3M-A	3.3±20%	6.4	7.7	28	16.8
SPIF100-60-4R7M-A	4.7±20%	8.9	10.7	25	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 : 500
- * Box : 2,000



SPIF100-60-SERIES-A

■ Performance Graph

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

