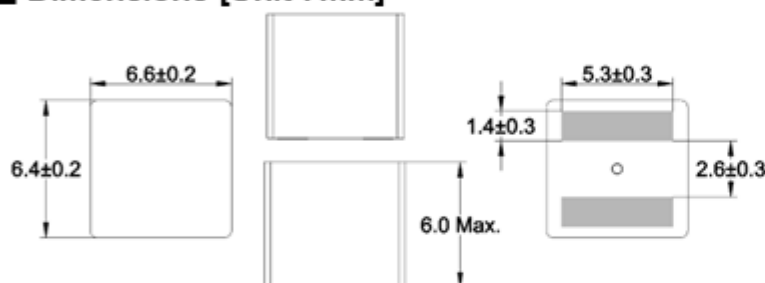
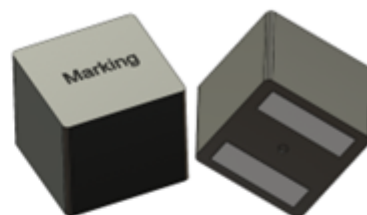
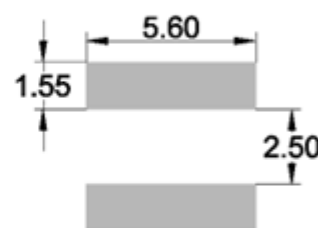


**SPIF060-60-SERIES-A****Applications**

- 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.	TYP.	TYP.
SPIF060-60-1R0M-A	1.0±20%	3.6	4.4	24	21
SPIF060-60-1R5M-A	1.5±20%	5.1	6.1	20	17.5
SPIF060-60-2R2M-A	2.2±20%	6.8	8.1	16.5	14
SPIF060-60-3R3M-A	3.3±20%	10.3	12.3	13	12
SPIF060-60-4R7M-A	4.7±20%	12	14.4	10.5	11
SPIF060-60-5R6M-A	5.6±20%	13.3	15.9	9.9	10
SPIF060-60-6R8M-A	6.8±20%	17.3	20.8	9.2	9
SPIF060-60-8R2M-A	8.2±20%	22	26.4	8.4	8
SPIF060-60-100M-A	10.0±20%	24.8	29.8	7.6	7
SPIF060-60-150M-A	15.0±20%	36.4	43.7	5.8	6
SPIF060-60-220M-A	22.0±20%	50.5	60.6	5.6	5

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 : 750

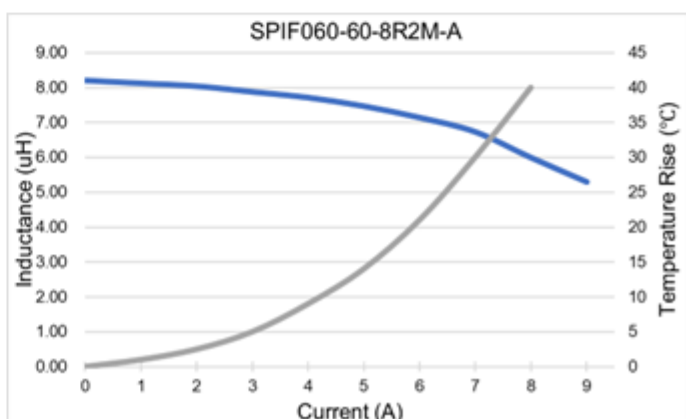
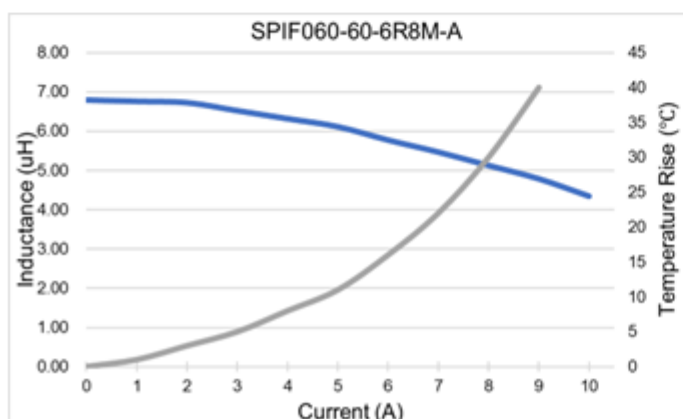
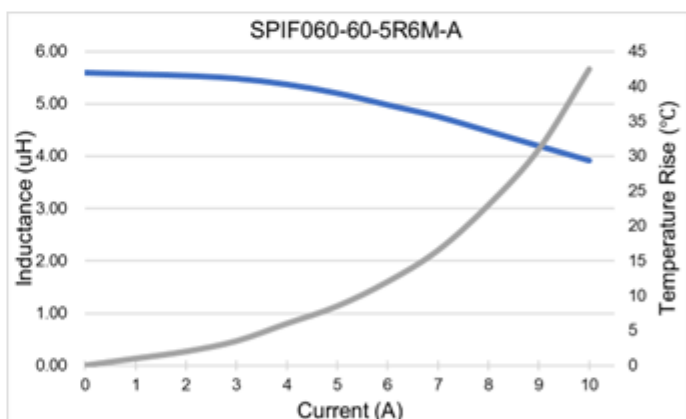
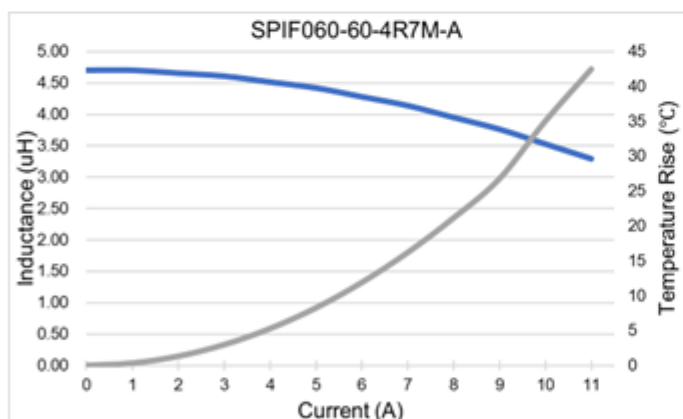
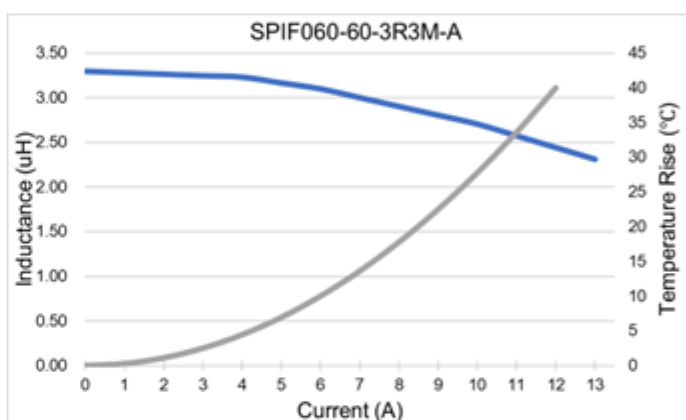
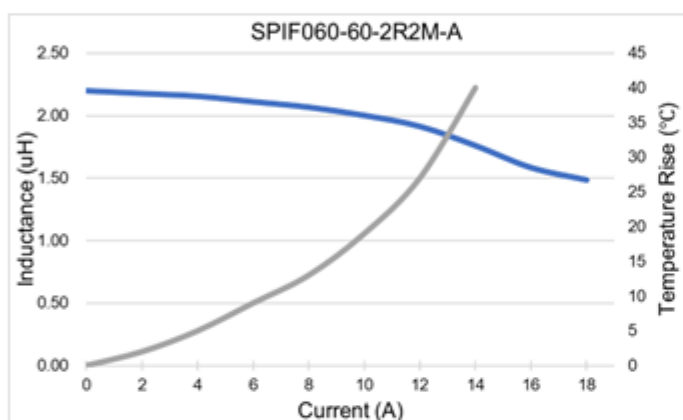
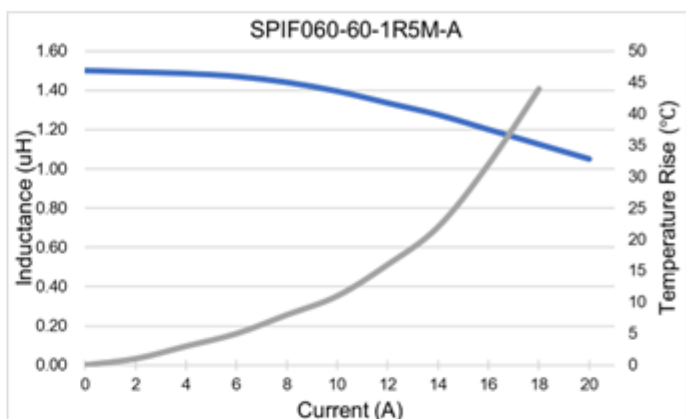
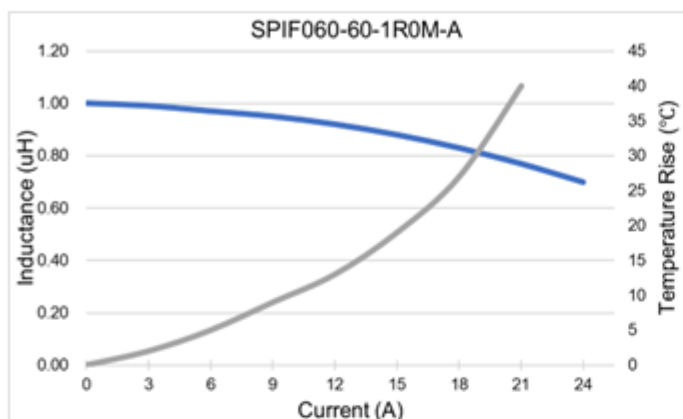
* Box : 3,750



SPIF060-60-SERIES-A

■ Performance Graph

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





SPIF060-60-SERIES-A

■ Performance Graph

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

