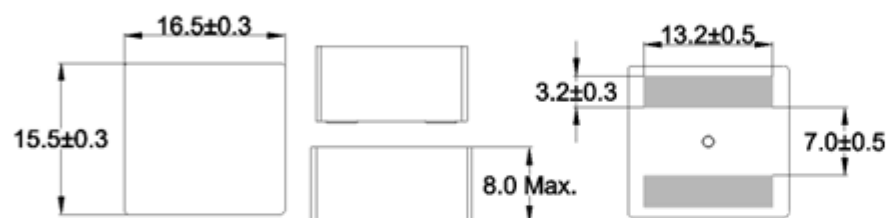
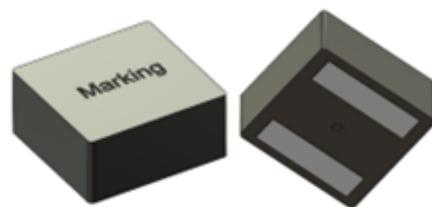
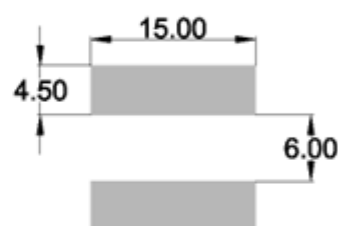


**SPIF150-80-SERIES-A****Applications**

- 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.
SPIF150-80-2R0M-A	2.0±20%	1.8	2.2	57	40
SPIF150-80-2R2M-A	2.2±20%	2.05	2.45	55	37
SPIF150-80-3R0M-A	3.0±20%	2.5	3	46	34.5
SPIF150-80-4R2M-A	4.2±20%	3.85	4.65	38	27
SPIF150-80-5R3M-A	5.3±20%	4.4	5.3	35	26
SPIF150-80-6R2M-A	6.2±20%	5.4	6.5	34	23
SPIF150-80-7R2M-A	7.2±20%	6	7.2	32	21
SPIF150-80-8R2M-A	8.2±20%	6.6	7.9	28	19
SPIF150-80-100M-A	10.0±20%	8	9.6	24	16
SPIF150-80-150M-A	15.0±20%	12.5	15	21	13
SPIF150-80-220M-A	22.0±20%	19.3	23.2	19	12

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 : 200

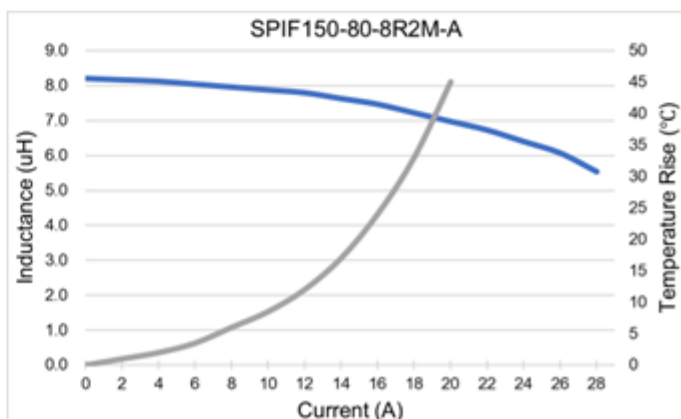
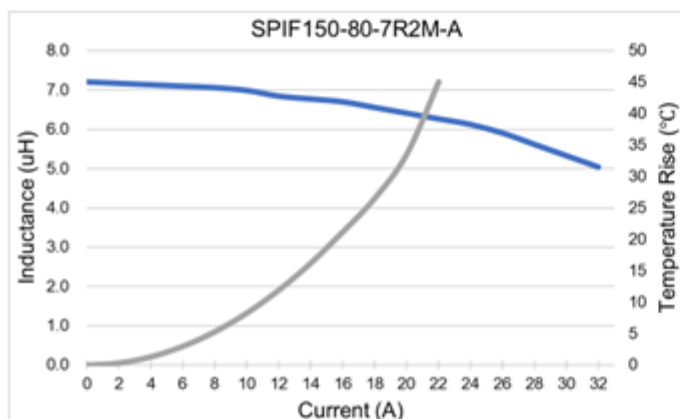
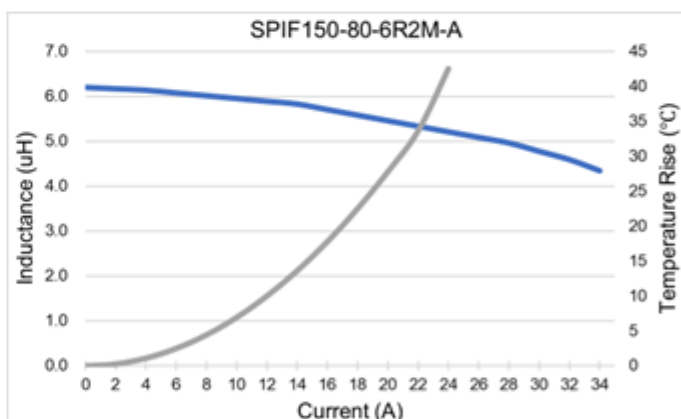
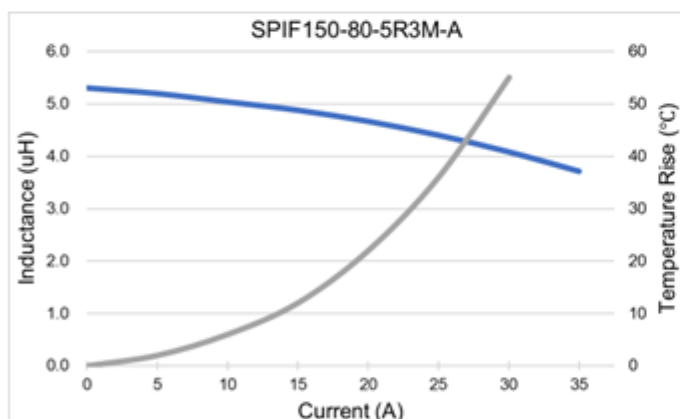
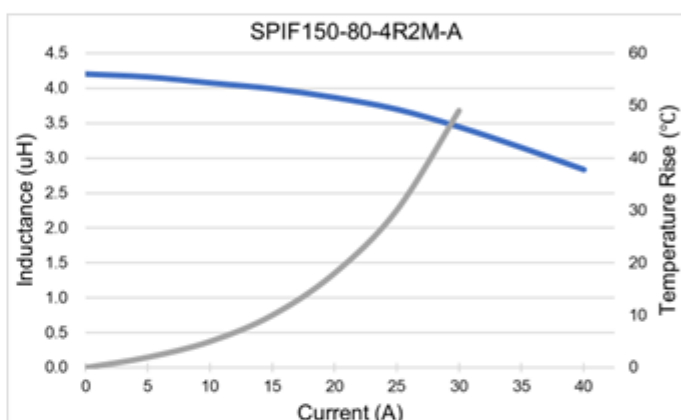
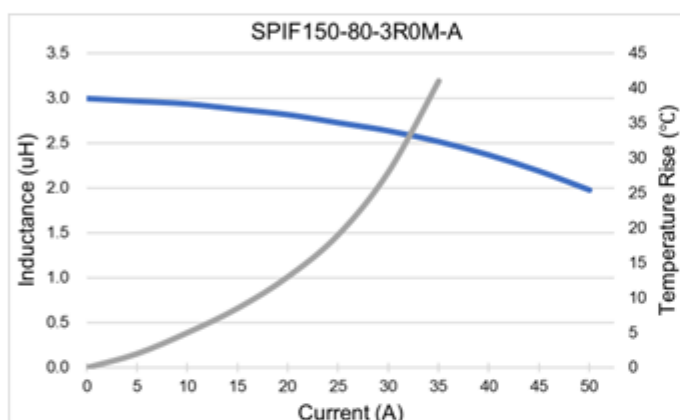
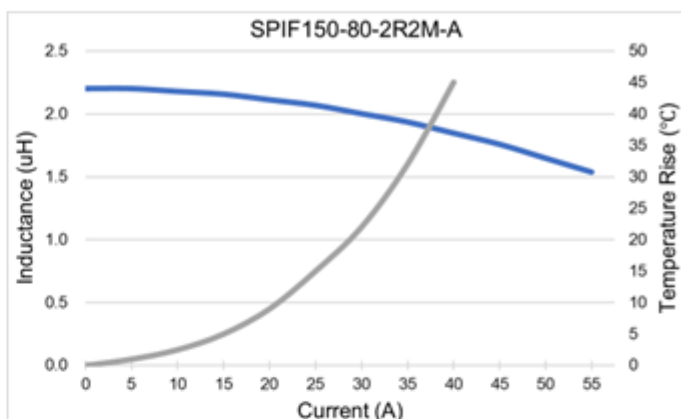
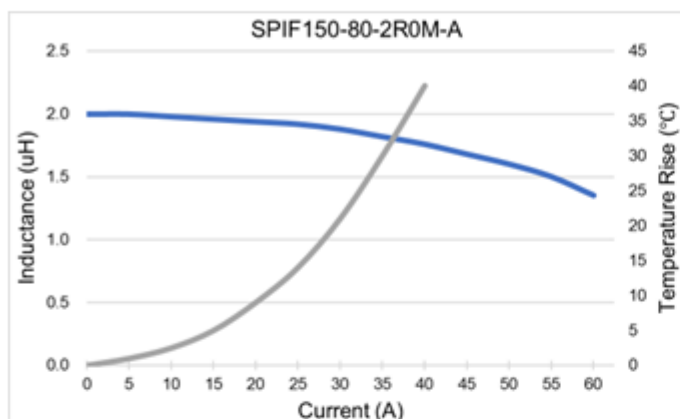
* Box : 600



SPIF150-80-SERIES-A

■ Performance Graph

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





SPIF150-80-SERIES-A

■ Performance Graph

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

