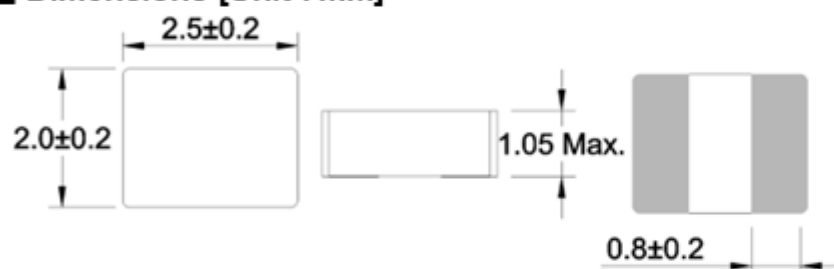
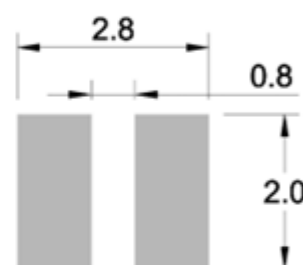


**MMPI252010-SERIES-A****Applications**

- 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 : -40°C ~ +125°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) 1MHz, 1V, 0A	DCR (mΩ)		Saturation Current DC(A) a)		Heating Rating Current DC(A) b)	
		TYP.	MAX.	TYP.	MAX.	TYP.	MAX.
MMPI252010-R24M-A	0.24±20%	13	16	10.5	8.5	5.8	5
MMPI252010-R33M-A	0.33±20%	16.5	22	9.5	7.8	4.95	4.5
MMPI252010-R47M-A	0.47±20%	19	22	6.1	5.6	4.8	4.3
MMPI252010-R68M-A	0.68±20%	26	33	5.5	5	4.2	3.8
MMPI252010-1R0M-A	1.0±20%	38	43	5	4.5	3.7	3.4
MMPI252010-1R5M-A	1.5±20%	51	61	3.6	3.4	3.6	3.2
MMPI252010-2R2M-A	2.2±20%	83	96	3.3	3	2.3	2.1
MMPI252010-3R3M-A	3.3±20%	100	125	2.9	2.6	2	1.8
MMPI252010-4R7M-A	4.7±20%	204	225	2.1	1.8	1.6	1.45

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)

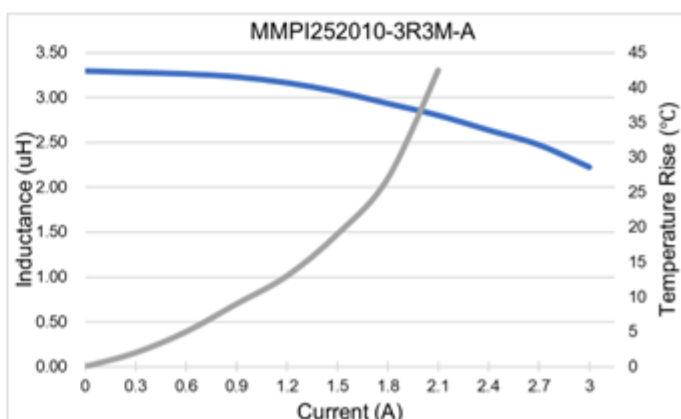
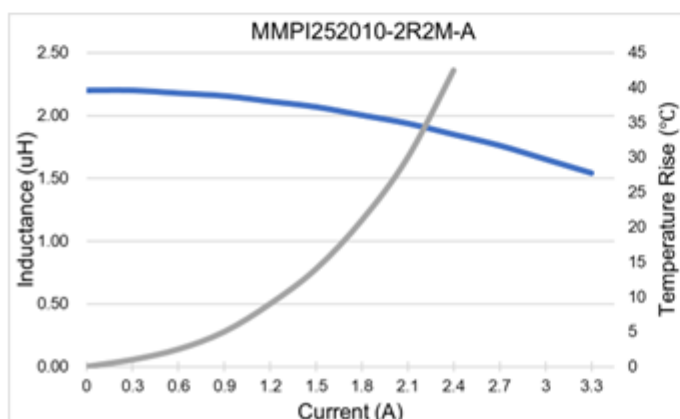
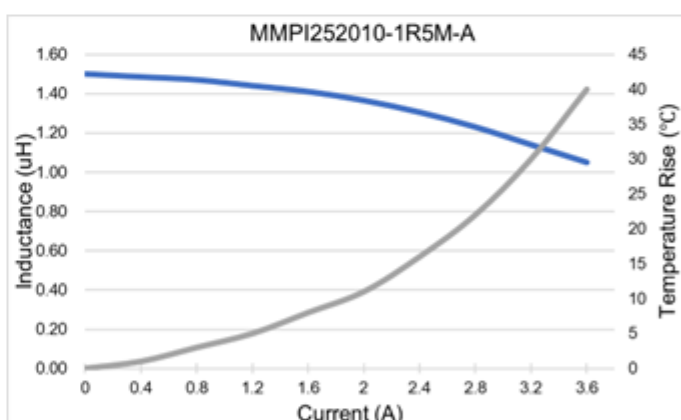
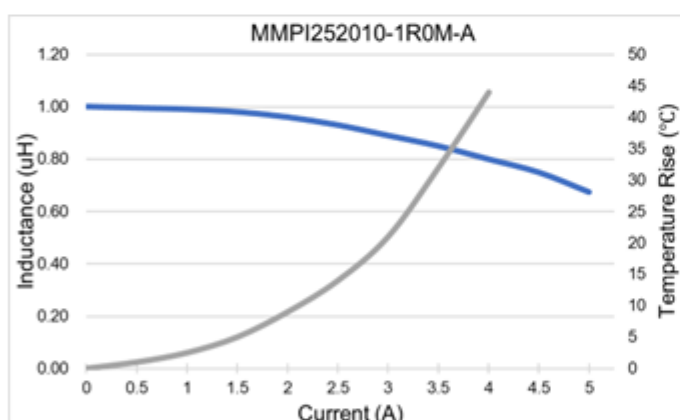
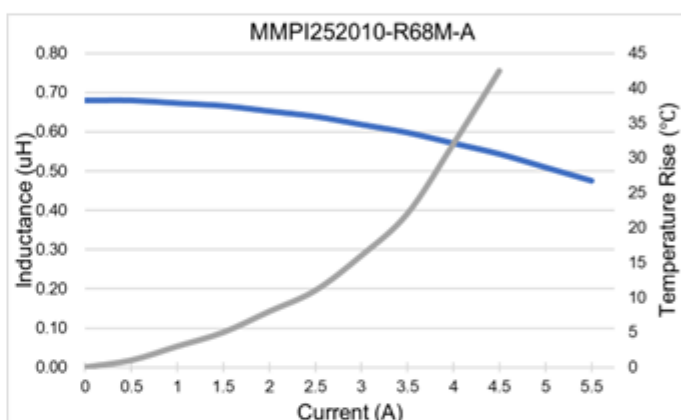
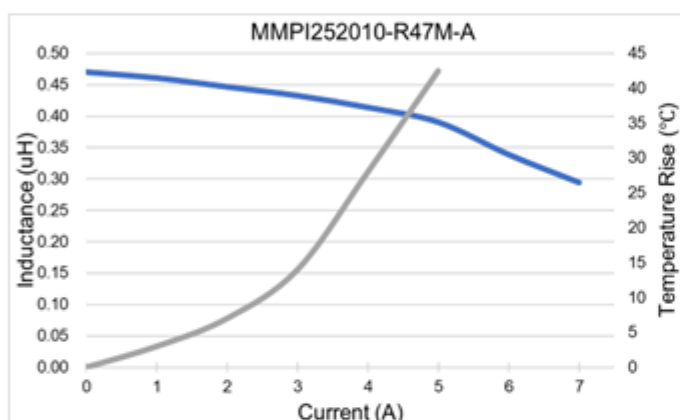
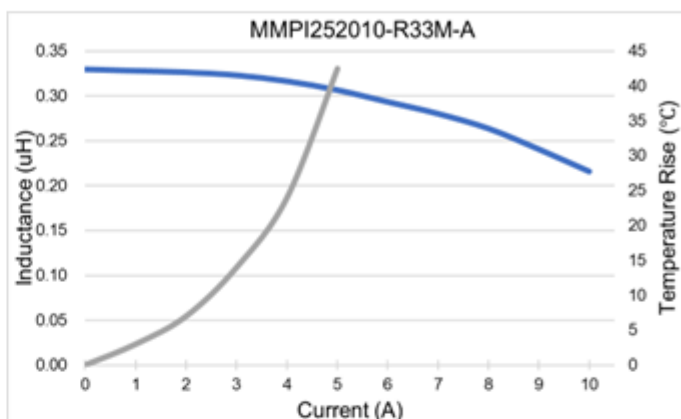
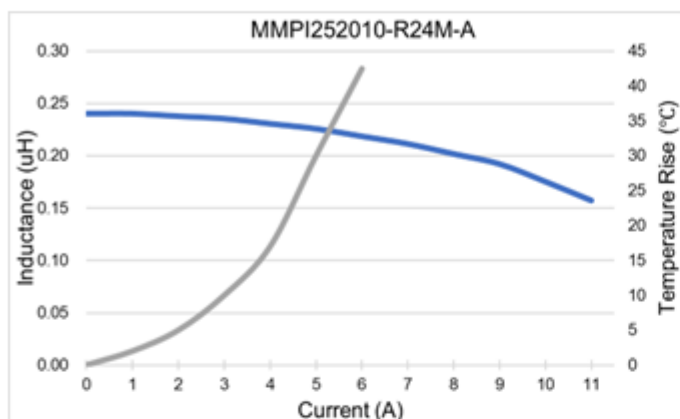
* Reel : 3,000



MMPI252010-SERIES-A

■ Performance Graph

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





MMPI252010-SERIES-A

■ Performance Graph

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

