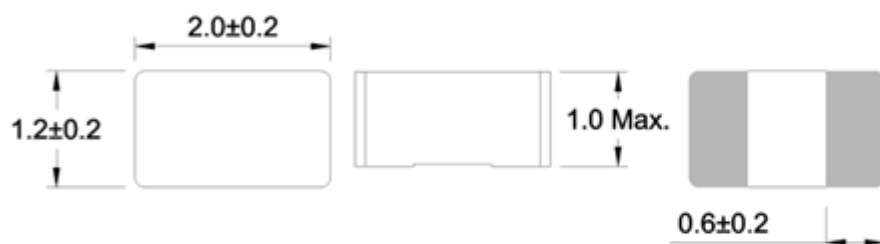
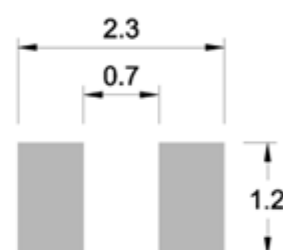


**MMPI201210-SERIES-A****Applications**

- 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.
MMPI201210-R24M-A	0.24±20%	14.5	18	6.6	5.9	6.2	5.5
MMPI201210-R33M-A	0.33±20%	22.5	29	5.8	5	5	4.6
MMPI201210-R47M-A	0.47±20%	27	32	5	4.5	4.3	4
MMPI201210-R68M-A	0.68±20%	38	46	4.3	3.6	3.5	3
MMPI201210-1R0M-A	1.00±20%	46	56	3.8	3.4	3.3	2.9
MMPI201210-1R5M-A	1.50±20%	73	85	2.6	2.3	2.5	2.2
MMPI201210-2R2M-A	2.20±20%	140	166	2.2	2	1.7	1.5
MMPI201210-3R3M-A	3.30±20%	230	280	1.9	1.6	1.4	1

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



MMPI201210-SERIES-A

■ Performance Graph

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

