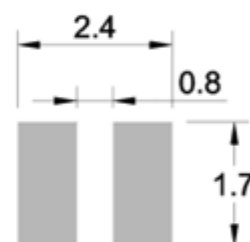


**MMPI201612-SERIES-A****Applications**

- 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.
MMPI201612-R33M-A	0.33±20%	14	18	8.2	7.8	5.6	5
MMPI201612-R47M-A	0.47±20%	20	25	6.1	5.6	5	4.4

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



MMPI201612-SERIES-A

■ Performance Graph

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

