

# Wire-wound Ferrite Bead Inductors for Power Lines LAMG series for Automotive Powertrain and Safety

Code in front of Series have been extracted from Part number, which describes the segment of products, such as kinds and characteristics.

AEC-Q200 Grade 1 (we conduct the evaluation at the test condition of Grade 1.)

\*Operating environment Temp:-40~125°C

REFLOW

AEC-Q200

## PART NUMBER

\*Operating Temp. : -40~150°C (Including self-generated heat)

L	A	M	G	L	1	6	0	8	0	8	T	4	7	0	R	D
①	②	③	④	⑤	⑥	⑦	⑧									

## ①Series

Code (1)(2)(3)(4)	
LAMG	Wire-wound Ferrite Bead Inductors for Power Lines, for Automotive Powertrain and Safety

## (1) Product Group

Code	
L	Inductors

## (2) Category

Code	Recommended equipment	Quality Grade
A	Automotive Electronic Equipment (Powertrain, Safety)	1

## (3) Type

Code	
M	Ferrite Wire-wound bead

## (4) Features, Characteristics

Code	
G	High frequency

## ②Features

Code	Feature
L	150°C (Wide frequency band)
M	150°C (High frequency)

## ③Dimensions (L × W)

Code	Type (inch)	Dimensions (L × W) [mm]
1608	1608 (0603)	1.6 × 0.8

## ④Dimensions (T)

Code	Dimensions (T) [mm]
08	0.8

## ⑤Packaging

Code	Packaging
T	Taping

## ⑦Nominal inductance

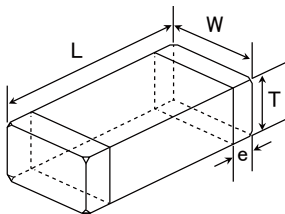
Code (example)	Nominal inductance [μH]
330	33
221	220
102	1000

## ⑦Impedance tolerance

Code	Impedance tolerance
R	±25%

## ⑧Internal code

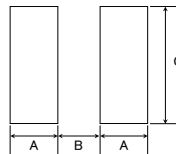
## STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY



## Recommended Land Patterns

## Surface Mounting

• Mounting and soldering conditions should be checked beforehand.



Type	A	B	C
1608	1.0	1.0	1.0

Unit: mm

Type	L	W	T	e	Standard quantity [pcs]	
					Paper tape	Embossed tape
160808 (0603)	1.6±0.15 (0.063±0.006)	0.8±0.15 (0.031±0.006)	0.8±0.15 (0.031±0.006)	0.4±0.2 (0.015±0.008)	4000	—

Unit: mm (inch)