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 \sim 125 $^{\circ}$ C



■PART NUMBER

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

L	Α	М	G	L	1	6	0	8	0	8	Т	4	7	0	R	D		
	(1)		2			3)		(2	4)	(5)		6		(7)		8	

1)Series

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

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

(3) Type

Code	
М	Ferrite Wire-wound bead

(4) Features, Characteristics

Code	
G	High frequency

2Features

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

3 Dimensions (L × W)

© B I I I Chicken (L · · · · · ·)						
Code	Type (inch)	Dimensions (L × W) [mm]				
1608	1608(0603)	1.6 × 0.8				

(4)Dimensions (T)

©Binionologia (1)			
Code	Dimensions (T) [mm]		
08	0.8		

5Packaging

Code	Packaging
Т	Taping

7 Nominal inductance

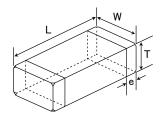
O Prominar madocarios				
Code (example)	Nominal inductance[µH]			
330	33			
221	220			
102	1000			

7Impedance tolerance

<u> </u>	
Code	Impedance tolerance
R	±25%

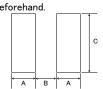
®Internal code

STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY



Recommended Land Patterns Surface Mounting

• Mounting and soldering conditions should be checked beforehand.



Туре	Α	В	С
1608	1.0	1.0	1.0

Unit:mm

Type	1	W	т		Standard quantity [pcs]	
Туре	L	VV	'	е	Paper tape	Embossed tape
160808	1.6±0.15	0.8±0.15	0.8±0.15	0.4 ± 0.2	4000	_
(0603)	(0.063 ± 0.006)	(0.031 ± 0.006)	(0.031 ± 0.006)	(0.015 ± 0.008)	4000	

Unit:mm(inch)

[►] This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (http://www.ty-top.com/).