Wire-wound Ferrite Power Inductors LAXH 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



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

 L
 A
 X
 H
 G
 6
 0
 Y
 E
 L
 1
 0
 0
 M
 R

 1
 2
 3
 4
 5
 6
 7
 8

Series

	Code (1)(2)(3)(4)	
-	LAXH	Wire-wound Ferrite Power Inductor for Automotive Powertrain and Safety

(1) Product Group

Code	
L	Inductors
-	

(2) Category

②Features

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

(3) Type		
Code		
Х	Ferrite Wire-wound (Drum type)	
(4) Features, Characteristics		
Code		
Н	Hybrid power choke	

Code	Feature	
G	Bottom electrode (Ag×solder) for fillet high TEMP	
③Dimensions (L	×W)	
Code	$Dimensions(L \times W)[mm]$	
6060	6.0×6.0	
④Dimensions(H)		
Code	Dimensions(H)[mm]	
YE	4.5	

⑤Packaging	
Code	Packaging
L	Taping

6Nominal inductance

Code (example)	Nominal inductance[µH]
2R2	2.2
100	10
101	100
VD-D · /	

ℜR=Decimal point

7 Inductance tolerance

Code	Inductance tolerance
М	±20%
Ν	$\pm 30\%$

Internal code

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В

5.0

С

4.8

Unit:mm

А

2.4

1500

Unit:mm(inch)

0.3 min

(0.012 min)

 1.65 ± 0.3

 (0.053 ± 0.012)

STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY

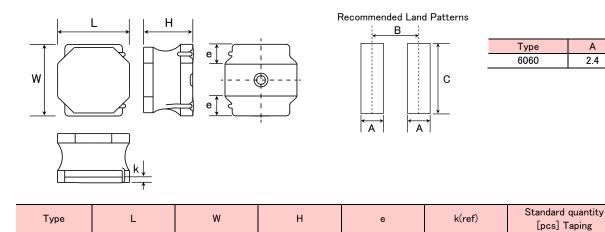
 6.0 ± 0.2

 (0.236 ± 0.008)

6060YE

 6.0 ± 0.2

 (0.236 ± 0.008)



4.5 max

(0.177 max)

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