

Wire-wound Ferrite Inductors for Signal Lines LBQM series for Telecommunications Infrastructure and Industrial Equipment

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

REFLOW

■ PART NUMBER

*Operating Temp. : -40~105°C (Including self-generated heat)

L	B	Q	M	B	2	0	1	6	1	6	T	1	0	0	J	
①	②	③	④	⑤	⑥	⑦	⑧									

① Series

Code (1)(2)(3)(4)	
LBQM	Wire-wound Ferrite Inductor for Telecommunications Infrastructure and Industrial Equipment

(1) Product Group

Code	
L	Inductors

(3) Type

Code	
Q	Ferrite Wire-wound (Horizontal type)

(2) Category

Code	Recommended equipment	Quality Grade
B	Telecommunications Infrastructure and Industrial Equipment	2

(4) Features, Characteristics

Code	
M	Signal line

② Features

Code	Feature
B	L-shape electrode (Ag-resin × Sn-plate)

⑤ Packaging

Code	Packaging
T	Taping

③ Dimensions (L × W)

Code	Type (inch)	Dimensions (L × W) [mm]
2016	2016 (0806)	2.0 × 1.6

⑥ Nominal inductance

Code (example)	Nominal inductance [μH]
R12	0.12
1R0	1.0
100	10
101	100

※R=Decimal point

④ Dimensions (T)

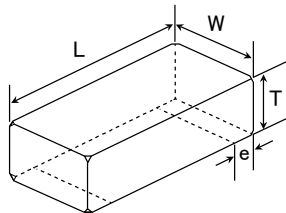
Code	Dimensions (T) [mm]
16	1.6

⑦ Inductance tolerance

Code	Inductance tolerance
J	±5%

⑧ Internal code

■ STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY



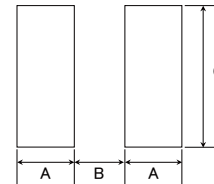
Recommended Land Patterns

Surface Mounting

- Mounting and soldering conditions should be checked beforehand.
- Applicable soldering process to these products is reflow soldering only.

Type	A	B	C
2016	0.6	1.0	1.8

Unit: mm



Type	L	W	T	e	Standard quantity [pcs]	
					Paper tape	Embossed tape
201616	2.0±0.2 (0.08±0.008)	1.6±0.2 (0.063±0.008)	1.6±0.2 (0.063±0.008)	0.5±0.2 (0.02±0.008)	—	2000

Unit: mm (inch)

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