

# Wire-wound Ferrite Inductors for Signal Lines LMQM series for Medical Devices classified as GHTF Class C (Japan Class III)

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	M	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)	
LMQM	Wire-wound Ferrite Inductor for Medical Devices classified as GHTF Class C (Japan Class III)

## (1) Product Group

Code	
L	Inductors

## (3) Type

Code	
Q	Ferrite Wire-wound (Horizontal type)

## (2) Category

Code	Recommended equipment	Quality Grade
M	Medical Devices classified as GHTF Class C (Japan Class III)	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)

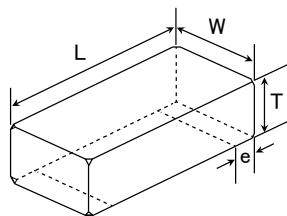
Code	Dimensions (T) [mm]
16	1.6

## ⑦ Inductance tolerance

Code	Inductance tolerance
J	±5%

## ⑧ Internal code

## STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY



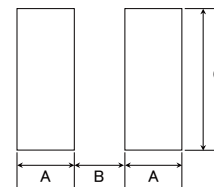
## Recommended Land Patterns

## 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)