

# Wire-wound Ferrite Power Inductors LLXBH10050

## for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II)

REFLOW

## PART NUMBER

\*Operating Temp.: -25~+105°C (Including self-generated heat)

L	L	X	B	H	1	0	0	5	0	H	L	1	0	0	M	
①	②	③	④	⑤	⑥	⑦	⑧	⑨								

## ① Series

Code	
(1)(2)(3)(4)	
LLXB	Wire-wound Ferrite Power Inductor for Medical Devices classified as GHTF Classes A or B (Japan Classes I or II)

## (1) Product Group

Code	
L	Inductors

## (2) Category

Code	Recommended equipment	Quality Grade
L	Medical Devices classified as GHTF Classes A or B (Japan Classes I or II)	3

## ② Features

Code	Feature
H	Bottom electrode (Frame type)

## ③ 寸法 (L×W)

Code	Dimensions (L×W) [mm]
100	10.0×9.8

## ④ 寸法 (H)

Code	Dimensions (H) [mm]
50	5.0

## ⑤ Operating temperature

Code	Operating temperature [°C]
H	-25~+105

## (3) Type

Code	
X	Ferrite Wire-wound (Drum type)

## (4) Features, Characteristics

Code	
B	Standard

## ⑥ Packaging

Code	Packaging
L	Taping

## ⑦ Nominal inductance

Code (example)	Nominal inductance [μH]
1R3	1.3
100	10
101	100

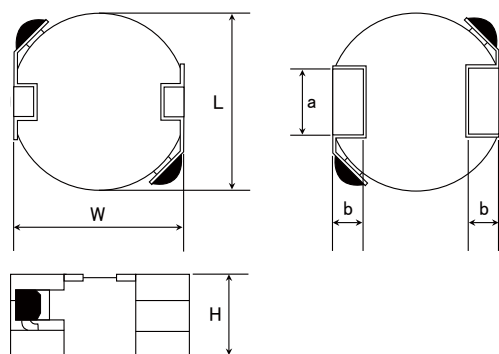
※R=Decimal point

## ⑧ Inductance tolerance

Code	Inductance tolerance
M	±20%
N	±30%

## ⑨ Internal code

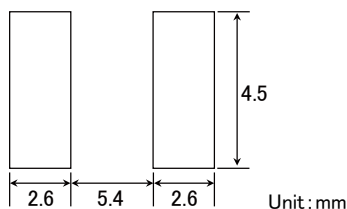
## STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY



## Recommended Land Patterns

## Surface Mounting

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



Unit: mm

Type	L	W	H	a	b	Standard quantity [pcs] Taping
10050	10.0±0.3 (0.394±0.012)	9.8±0.5 (0.386±0.020)	5.0 max (0.197 max)	4.0 (0.16)	1.75 (0.07)	500

Unit: mm (inch)