

Wire-wound Metal Power Inductors MCOIL™ LLEU series

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

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~+125°C (Including self-generated heat)

L	L	E	U	C	2	0	1	6	K	K	T	1	R	0	M	
①	②	③	④	⑤	⑥	⑦	⑧									

① Series

Code (1)(2)(3)(4)	
LLEU	Wire-wound Metal 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

(3) Type

Code	
E	Metal Wire-wound (High filling type)

(4) Features, Characteristics

Code	
U	High strength power choke

② Features

Code	Feature
C	Bottom electrode (Ag-resin × Sn-plate)

③ Dimensions (L × W)

Code	Dimensions (L × W) [mm]
2012	2.0 × 1.25
2016	2.0 × 1.6
2520	2.5 × 2.0
3225	3.2 × 2.5

④ Dimensions (T)

Code	Dimensions (T) [mm]
HK	0.8
KK	1.0

⑤ Packaging

Code	Packaging
T	Taping

⑥ Nominal inductance

Code (example)	Nominal inductance [μH]
R47	0.47
1R0	1.0
4R7	4.7

※R=Decimal point

⑦ Inductance tolerance

Code	Inductance tolerance
M	±20%

⑧ Internal code

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