Multilayer Metal Power Inductors MCOIL[™] LBCN 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~+125°C(Including self-generated heat)

* Operating Temp.:-55~+150°C(Including self-generated heat)

L	В	С	Ν	F	2	0	1	2	K	K	Т	1	R	0	М	Α		
	(2			3)		(4	4)	(5)		6		7		8	

(1)Series

Useries							
Code							
(1)(2)(3)(4)							
LBCN	Multilayer metal power inductor for Telecommunications Infrastructure and Industrial Equipment						

(1) Product Group

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Code	
L	Inductors

(2) Category

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

(3) Type Code

С

Code	
N	Standard Power choke

Metal Multilayer

2 Features

Code	Feature
F	5-surface electrode with polarity marking

3Dimensions (L × W)

Code	Type (inch)	Dimensions (L × W) [mm]		
1608	1608(0603)	1.6 × 0.8		
2012	2012(0805)	2.0 × 1.25		

4 Thickness

Code	Thickness[mm]			
KK	1.0 max			

5Packaging

Code	Packaging
Т	Taping

6 Nominal inductance

(4) Features, Characteristics

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Code (example)	Nominal inductance[μH]
R24	0.24
R47	0.47
1R0	1.0

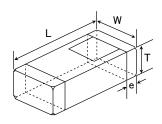
[※]R=Decimal point

7 Inductance tolerance

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Code	Inductance tolerance						
М	±20%						

⁸Internal code

■STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY



Туре		W	т		Standard quantity[pcs]		
Туре	L	VV	'	е	Paper tape	Embossed tape	
1608KK	1.6±0.2	0.8±0.2	1.0 max	0.3±0.2		3000	
(0603)	(0.063 ± 0.008)	(0.031 ± 0.008)	(0.039 max)	(0.012 ± 0.008)	_		
2012KK	2.0±0.2	1.25±0.2	1.0 max	0.5±0.3	_	2000	
(0805)	(0.079 ± 0.008)	(0.049 ± 0.008)	(0.039 max)	(0.02 ± 0.012)	_	3000	

Unit:mm(inch)

[►] This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (http://www.ty-top.com/).