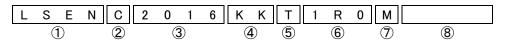
Wire-wound Metal Power Inductors MCOIL[™] LSEN series for General Electronic Equipment for Consumer

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)



1)Series

~	
Code	
(1)(2)(3)(4)	
LSFN	Wire-wound Metal Power Inductor for General Electronic Equipment for Consumer

(1) Product Group

<u> </u>	•
Code	
L	Inductors

(2) Category

Code	Recommended equipment	Quality Grade
S	General Electronic Equipment for Consumer	3

(3) Type

Oodc	
Е	Metal Wire-wound (High filling type)

(4) Features, Characteristics

<u> </u>	*
Code	
N	Standard Power choke

2Features

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

③Dimensions (L×W)

Code	Dimensions (L × W) [mm]
2016	2.0 × 1.6
2520	2.5 × 2.0

4Dimensions (T)

-Diffictions (1)	,
Code	Dimensions (T) [mm]
KK	1.0

5Packaging

Code	Packaging
Т	Taping

6 Nominal inductance

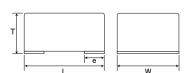
Code (example)	Nominal inductance[μH]
R47	0.47
1R0	1.0
4R7	4.7

7 Inductance tolerance

Code	Inductance tolerance
М	±20%

8Internal 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	Α	В	С
2016	0.7	0.8	1.8
2520	0.9	1.0	2.2
			Hardinana

Unit:mm

	Туре	L	W	Т	е	Standard quantity[pcs] Taping
_	2016KK	2.0±0.2 (0.079±0.008)	1.6±0.2 (0.063±0.008)	1.0 max (0.039 max)	0.5±0.3 (0.020±0.012)	3000
-	2520KK	2.5±0.2 (0.098±0.008)	2.0±0.2 (0.079±0.008)	1.0 max (0.039 max)	0.65±0.3 (0.026±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.

PART NUMBER

2016KK type		[Thickr	ess:1.0mm max.]	s:1.0mm max.]						
	Old part number (for reference)	EHS	Nominal inductance [μ H]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω](max.)	Rated current ※) [mA](max.)		Measuring	
New part number							Saturation current Idc1	Temperature rise current Idc2	frequency[MHz]	
LSENC2016KKTR47M	MEKK2016TR47M	RoHS	0.47	±20%	ı	0.030	4,500	4,300	1	
LSENC2016KKTR68M	MEKK2016TR68M	RoHS	0.68	±20%	ı	0.052	3,800	3,300	1	
LSENC2016KKT1R0M	MEKK2016T1R0M	RoHS	1.0	±20%	-	0.060	3,600	3,100	1	
LSENC2016KKT2R2M	MEKK2016T2R2M	R₀HS	2.2	±20%	ı	0.150	2,400	1,900	1	

2520KK type		[Thickn	ess:1.0mm max.】						
New part number	Old part number (for reference)	EHS	Nominal inductance [μ H]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω](max.)	Rated current ※) [mA](max.)		Managara
							Saturation current Idc1	Temperature rise current Idc2	Measuring frequency[MHz]
LSENC2520KKTR33M	MEKK2520TR33M	RoHS	0.33	±20%	-	0.022	6,400	5,100	1
LSENC2520KKTR47M	MEKK2520TR47M	RoHS	0.47	±20%	-	0.025	5,900	4,800	1
LSENC2520KKT1R0M	MEKK2520T1R0M	RoHS	1.0	±20%	-	0.053	4,300	3,300	1
LSENC2520KKT1R5M	MEKK2520T1R5M	RoHS	1.5	±20%	-	0.069	3,200	2,800	1
LSENC2520KKT2R2M	MEKK2520T2R2M	RoHS	2.2	±20%	-	0.097	3,100	2,400	1
LSENC2520KKT4R7M	MEKK2520T4R7M	RoHS.	4.7	+20%		0.240	1 600	1 500	1

- X) The temperature rise current value (Idc2) is the DC current value having temperature increase up to 40°C. (at 20°C)
 X) The rated current is the DC current value that satisfies both of current value saturation current value and temperature rise current value.
 X) Idc2 Measurement board data

Board dimensions: $100\times50\times1.6$ t mm Pattern dimensions: 45×45 mm (Double side board) Pattern thickness: $70~\mu$ m

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