Wire-wound Metal Power Inductors MCOIL™ LSAN series for General Purpose

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℃(Including self-generated heat)

L S A N	B	2 0 1 6	K K	T	1 R 0	M	
①	②	③	④	⑤	⑥	⑦	⑧

①Series

Code (1)(2)(3)(4)	
LSAN	Wire-wound Metal Power Inductor for General Purpose

(1) Product Group

Code	
L	Inductors

(2) Category

Code	Recommended equipment
S	for General Purpose

(3) Type

Code	
A	Metal Wire-wound

(4) Features, Characteristics

Code	
N	Standard Power choke

②Features

Code	Feature
B	L-shape electrode (Ag-resin×Sn-plate)

③Dimensions(L×W)

Code	Type(inch)	Dimensions (L×W)[mm]
2016	2016(0806)	2.0×1.6
2520	2520(1008)	2.5×2.0

④Dimensions(T)

Code	Dimensions(T)[mm]
KK	1.0
MK	1.2

⑤Packaging

Code	Packaging
T	Taping

⑥Nominal inductance

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

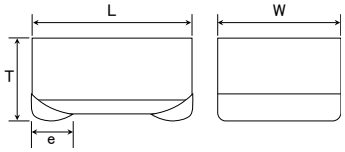
※R=Decimal point

⑦Inductance tolerance

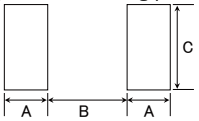
Code	Inductance tolerance
M	±20%

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	A	B	C
2016	0.7	0.8	1.8
2520	0.8	1.2	2.0

Unit:mm

Type	L	W	T	e	Standard quantity[pcs] Taping
2016KK	2.0±0.1 (0.079±0.004)	1.6±0.1 (0.063±0.004)	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)	0.5±0.3 (0.020±0.012)	3000
2520MK	2.5±0.2 (0.098±0.008)	2.0±0.2 (0.079±0.008)	1.2 max (0.047 max)	0.5±0.3 (0.020±0.012)	3000

Unit:mm(inch)