

# Wire-wound Metal Power Inductors MCOIL™ LSAN 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~+105°C (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 Electronic Equipment for Consumer

### (1) Product Group

Code	
L	Inductors

### (2) Category

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

### 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

### (3) Type

Code	
A	Metal Wire-wound

### (4) Features, Characteristics

Code	
N	Standard Power choke

### ⑤Packaging

Code	Packaging
T	Taping

### ⑥Nominal inductance

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

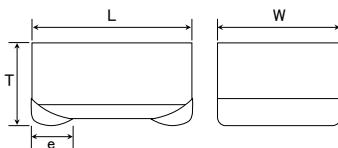
※R=Decimal point

### ⑦Inductance tolerance

Code	Inductance tolerance
M	±20%

### ⑧Internal code

### P STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY

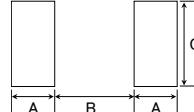


#### Recommended Land Patterns

##### 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)

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