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

シリーズ前の記号は、品番から抽出したものであり、製品の種類や特性などの区分を示すためのものです。

REFLOW

＊Operating Temp.：−40～+125℃（Including self-generated heat）
＊Operating Temp.：−40～+105℃（Including self-generated heat）※1Parts Number reference

■PART NUMBER

L S A P	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)	
LSAP	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	
P	High current 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

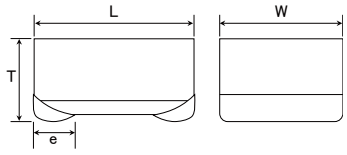
※R＝Decimal point

⑦Inductance tolerance

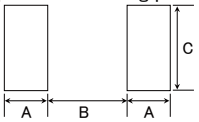
Code	Inductance tolerance
M	±20%

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）