Wire-wound Metal Power Inductors MCOIL^{TM} LMEN series for Medical Devices classified as GHTF Class C (Japan Class III)

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℃(Including self-generated heat)

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

①Series

Code (1)(2)(3)(4)	
LMEN	Wire-wound Metal Power Inductor for Medical Devices classified as GHTF Class C (Japan Class III)

(1) Product Group

Code	
L	Inductors

(2) Category

Code	Recommended equipment	Quality Grade
M	Medical Devices classified as GHTF Class C (Japan Class III)	2

②Features

Code	Feature
A	5-surface 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)

Code	Dimensions(T)[mm]
MK	1.2

(3) Type

Code	
E	Metal Wire-wound (High filling type)

(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

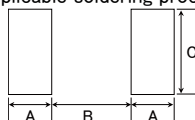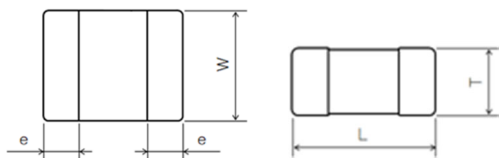| Code	Inductance tolerance
M	±20%

⑧Internal code

■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	0.8	0.8	1.8
2520	0.85	1.2	2.2

Unit：mm

Type	L	W	T	e	Standard quantity[pcs] Taping
2016MK	2.0±0.2 (0.079±0.008)	1.6±0.2 (0.063±0.008)	1.2 max (0.047 max)	0.5±0.2 (0.020±0.008)	3000
2520MK	2.5±0.2 (0.098±0.008)	2.0±0.2 (0.079±0.008)	1.2 max (0.047 max)	0.6±0.3 (0.020±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/) .