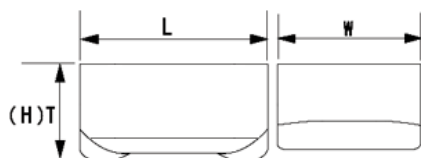


## Metal Core Wire-wound Chip Power Inductors (MCOIL(TM) MA series)

### MAKK2016T2R2M



#### ■ Features

- Item Summary  
2.2  $\mu$ H ( $\pm$ 20%), 1500mA, 1500mA, 0806
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 3000pcs

#### ■ Products characteristics table

CaseSize (EIA/JIS)	0806/2016
Inductance	2.2 $\mu$ H ( $\pm$ 20%)
Inductance Measuring Frequency	2MHz
Rated Current -Saturation Current	1500mA
Rated Current -Temperature Rise Current	1500mA
DC Resistance (max)	0.16 $\Omega$
Avg. of DC Resistance	0.131 $\Omega$
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

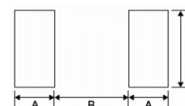
#### ■ External Dimensions

L	2mm $\pm$ 0.1
W	1.6mm $\pm$ 0.1
H	1mm max

#### ■ Recommended Land Patterns

【推奨ランドパターン】  
実装上の注意  
・実装状態を確認の上ご使用ください。また、お願ひいたします。  
・本製品のほんだ付けはリフローはんだ工法に限ります。

【Recommended Land Patterns】  
Surface Mounting  
・Mounting and soldering conditions should be checked beforehand.  
・Applicable soldering process to these products is reflow soldering only.



Metal Core Wire-wound Chip Power Inductors (MCOIL<sub>TM</sub> MA series)

Type	A	B	C
2016	0.7	0.8	1.8
2520	0.8	1.2	2.0

unit: mm

2015.02.25

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
Before making final selection, please check product specification.