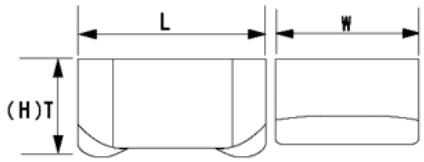
Spec Sheet

Metal Wire-wound Chip Power Inductors (MCOIL(TM) MB series)

MBMK2520T1R5M



Features

- Item Summary

  1.5μH(±20%), 2050mA, 1500mA, 1008

- Lifecycle Stage

  Mass Production

- Standard packaging quantity (minimum)

  Taping 3000pcs

Products characteristics table

CaseSize (EIA/JIS)	1008/2520
Inductance	1.5μH(±20%)
Inductance Measuring Frequency	1MHz
Rated Current -Saturation Current	2050mA
Rated Current -Temperature Rise Current	1500mA
DC Resistance (max)	0.106Ω
Avg. of DC.Resistance	0.092Ω
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

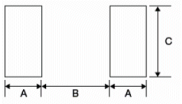
External Dimensions

L	2.5mm ±0.2
W	2mm ±0.2
H	1.2mm 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すようお願いいたします。
・本製品のは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 Wire-wound Chip Power Inductors (MCOIL(TM) MB series)

Type	A	B	C
1608	0.55	0.70	1.00
2012	0.60	1.00	1.45
2520	0.60	1.50	2.00

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.