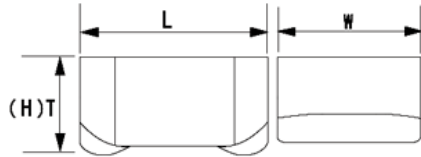


Metal Wire-wound Chip Power Inductors (MCOIL(TM) MB series)

MBKK2012T3R3M



■ Features

- Item Summary  
3.3  $\mu$ H( $\pm$ 20%), 700mA, 650mA, 0805
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 3000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	0805/2012
Inductance	3.3 $\mu$ H( $\pm$ 20%)
Inductance Measuring Frequency	1MHz
Rated Current -Saturation Current	700mA
Rated Current -Temperature Rise Current	650mA
DC Resistance (max)	0.5 $\Omega$
Avg. of DC.Resistance	0.435 $\Omega$
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

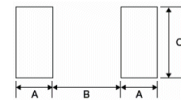
■ External Dimensions

L	2mm $\pm$ 0.2
W	1.25mm $\pm$ 0.2
H	1mm max

■ Recommended Land Patterns

【推奨ランドパターン】  
実装上の注意  
・実装条件を確認の上で使用ください。お問い合わせいたします。  
・本製品のはんだ付けはリフローはんだ工法に限りします。

【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<sub>TM</sub>, 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