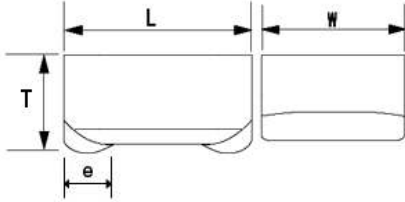


# Spec Sheet

Metal Core Wire-wound Chip Power Inductors (MCOIL(TM) MA series H (High Spec.) type)

## MAKK2520HR33M



### ■ Features

- Item Summary  
0.33  $\mu$ H( $\pm$ 20%), 1008
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping 3000pcs

### ■ Products characteristics table

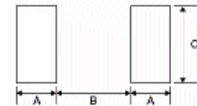
CaseSize (EIA/JIS)	1008/2520
Inductance	0.33 $\mu$ H( $\pm$ 20%)
Inductance Measuring Frequency	2MHz
Rated Current -Saturation Current	6200mA
Rated Current -Temperature Rise Current	4300mA
DC Resistance (max)	0.026 $\Omega$
DC Resistance (typ)	0.021 $\Omega$
Temperature Range	-40 to +105 $^{\circ}$ C
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

### ■ External Dimensions

L	2.5mm $\pm$ 0.2
W	2mm $\pm$ 0.2
T	1mm max
e	0.5mm $\pm$ 0.3

### ■ Recommended Land Patterns

【推奨ランドパターン】  
 実装に際しては、  
 実装機器の電圧の印加順序や、実装温度の制御等、  
 本製品に適合する実装条件を事前に確認してください。  
 (Recommended Land Pattern)  
 at the SMT Reflow  
 (Note: Please refer to the product manual for the recommended  
 application conditions for this product before soldering.)



単位	A	B	C
mm	0.7	0.3	1.3
mil	28	12	51

2015.07.25

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.