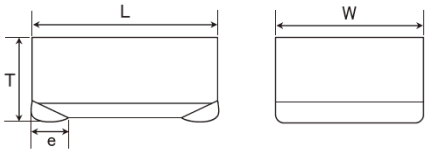
Spec Sheet

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

MAKK2016TR33M



Features

- Item Summary

  0.33uH±20%, 3.2A, 0806/2016 (EIA/JIS)

- Lifecycle Stage

  Mass Production

- Standard packaging quantity (minimum)

  Taping Embossed 3000pcs

Products characteristics table

Inductance	0.33 uH ± 20 %
Case Size (EIA/JIS)	0806/2016
Rated Current (max)	3.2 A
Saturation Current (max)	3.6 A
Saturation Current (typ)	4.2 A
Temperature Rise Current (max)	3.2 A
Temperature Rise Current (typ)	3.3 A
DC Resistance (max)	40 mΩ
DC Resistance (typ)	33 mΩ
LQ Measuring Frequency	2 MHz
Operating Temp. Range	-40 to +105 ℃ (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 15 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

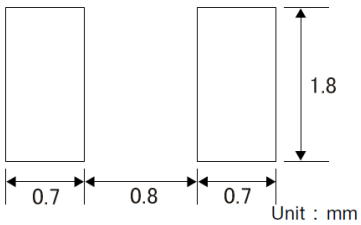
External Dimensions

Dimension L	2.0 ±0.1 mm
Dimension W	1.6 ±0.1 mm
Dimension T	Max 1.0 mm
Dimension e	0.5 ±0.3 mm

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.



2016.11.18

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.