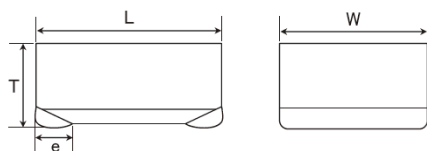


Metal Core Wire-wound Chip Power Inductors (MCOIL™, MA series)

MAKK2520T1R5M



■ Features

- Item Summary
1.5uH±20%, 1.8A, 1008/2520 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Inductance	1.5 uH ± 20 %
Case Size (EIA/JIS)	1008/2520
Rated Current (max)	1.8 A
Saturation Current (max)	2.3 A
Saturation Current (typ)	2.8 A
Temperature Rise Current (max)	1.8 A
Temperature Rise Current (typ)	2 A
DC Resistance (max)	0.125 Ω
DC Resistance (typ)	0.105 Ω
LQ Measuring Frequency	2 MHz
Operating Temp. Range	-40 to +105 °C (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	2.5 ± 0.2 mm
Dimension W	2.0 ± 0.2 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。また、ご購入の際は、本製品のはんだ付けはリフローはんだ工法に限りません。

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

