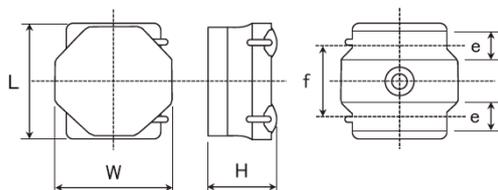


Metal Core SMD Power Inductors (MCOIL™, MD series)

MDKK1616T150MM



■ Features

- Item Summary
15uH±20%, 0.4A, 1.64x1.64x1.0mm
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 2500pcs

■ Products characteristics table

Inductance	15 uH ± 20 %
Case Size (mm)	1.64x1.64
Rated Current (max)	0.4 A
Saturation Current (max)	0.46 A
Saturation Current (typ)	0.64 A
Temperature Rise Current (max)	0.4 A
Temperature Rise Current (typ)	0.44 A
DC Resistance (max)	1.8 Ω
DC Resistance (typ)	1.6 Ω
LQ Measuring Frequency	1 MHz
Operating Temp. Range	-40 to +125 °C (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 10 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.64 ± 0.1 mm
Dimension W	1.64 ± 0.1 mm
Dimension H	Max 1.0 mm
Dimension e	0.4 + 0.2/-0.1 mm
Dimension f	1.0 ± 0.2 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。

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

