

# Liquialloy™ Power Inductor (Chip Type)

**NEW  
2014**

GLCL Series (2520 size)

**Employs ultra-low core loss material for high ripple currents and high-frequency switching DC-DC converters**



### Features

- Employs second-generation Liquialloy™, a low-loss material developed by Alps
- Excellent performance during high-frequency (5MHz) switching
- Terminals on the bottom contribute to high-density mounting
- Compatible with high currents

### Applications

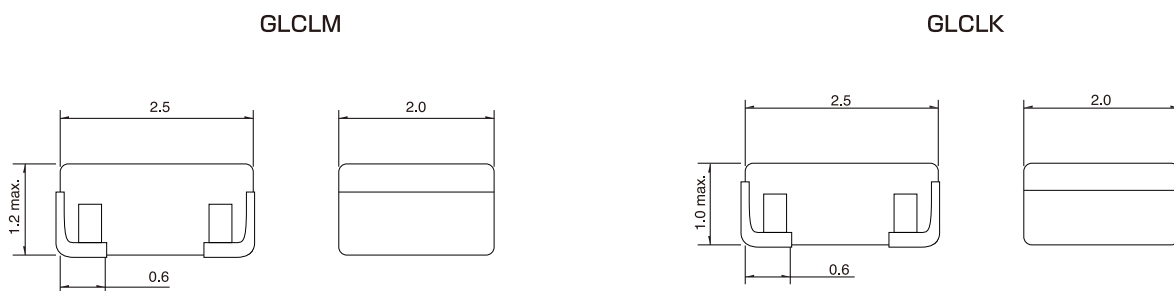
- DC-DC converters for mobile devices including digital cameras, smartphones, tablets and portable game consoles

### Typical Specifications

	GLCLM	GLCLK
Dimensions	2.5 × 2.0 × 1.2 mm	2.5 × 2.0 × 1.0 mm
Inductance at 1MHz	0.47 to 4.7 μH	0.47 to 4.7 μH
Direct current resistance	26 to 185mΩ	31 to 230mΩ
Saturation current ΔL/L=30%	4.5 to 1.5A	4.4 to 1.2A
Heat rating current ΔT=40°C	4.7 to 1.6A	4.6 to 1.3A

### Dimensions

Unit:mm



### Precautions when handling our products

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5. The contents of this catalog are according to Alps Green Devices as of October 2014.
6. This catalog is valid until March 2015.

### Inquiries about this product

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