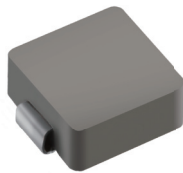


Liqualloy™ Power Inductor (0630 Size)

**NEW
2012**

GLMH Series

High-efficiency power inductor ideal for PC required long battery life



Features

- Adopt Liqualloy™, a low-loss material developed by Alps
- Low core loss even in high-frequency switching operations
- Narrow DCR tolerance
- Optimized for high currents (low DCR)
- Contributes to smaller and more efficient power supplies

Applications

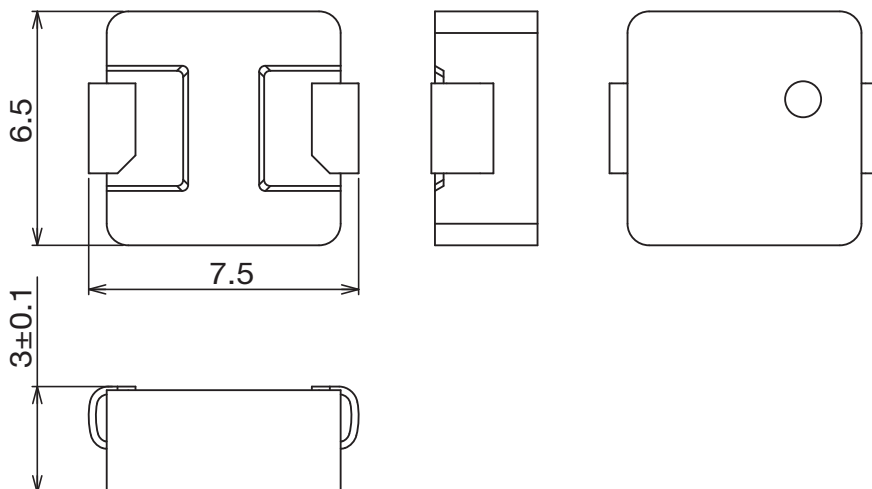
- DC/DC converters for notebook PCs and servers, etc.
- Point-of-load (POL) power supplies

Typical Specifications

Product No.	Inductance (μ H) at 100kHz	Direct Current Resistance (m Ω)	Rated Current	
			Saturation Current $\Delta L/L=30\%(A)$ max.	Heat Rating Current $\Delta T=40^{\circ}\text{C}$ (A) max.
GLMHR1103A	$0.11 \pm 20\%$	$0.57 \pm 5\%$	25	28
GLMHR2303A	$0.23 \pm 20\%$	$1.10 \pm 5\%$	18	22

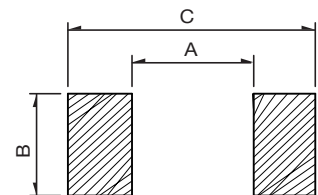
Dimensions

Unit: mm



PC Board Land Dimensions

Unit: mm



A	4.0
B	3.5
C	8.0

Precautions when handling our products

1. For the export of products which are controlled items subject to foreign and domestic export laws and regulations, you must obtain approval and/or follow the formalities of such laws and regulations.
2. Products must not be used for military and/or antisocial purposes such as terrorism, and shall not be supplied to any party intending to use the products for such purposes.
3. Unless provided for otherwise, the products have been designed and manufactured for application in equipment and devices which are sold to end users in the market, including audio-visual (AV) equipment, electrical home appliances, office machines, information and communication equipment, and amusement equipment. The products are not intended for use in, and must not be used for, any application for nuclear equipment, driving equipment for aerospace or any other unauthorized use.
With the exception of the abovementioned prohibited applications, please contact an Alps sales representative and/or evaluate the total system regarding applicability for applications involving high levels of safety and liability such as medical equipment, burglar alarm equipment, disaster prevention equipment and undersea equipment. Please also incorporate fail-safe design, protection and redundant circuitry, malfunction protection, and/or fire protection into the complete system to ensure safety and reliability of the total system.
4. Before using products which were not specifically designed for use in automotive applications, please contact an Alps sales representative.

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5. The contents of this catalog are according to Alps Electric as of April 2012.
6. This catalog is valid until December 2012.

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