

Liqualloy™ Power Inductor



GLMC Series

Highly efficient power inductor with a proprietary new magnetic body for low loss performance.



Features

- Liqualloy™; Low core loss material for highly efficient power supplies.
- Excellent low heat generating characteristics due to low DCR (Direct Current Resistance).
- Metal composite structure provides compact and support high current.

Applications

- For use in DC/DC converters in notebook PCs and servers, etc.
- POL (Point of Load) power supplies.

Typical Specifications

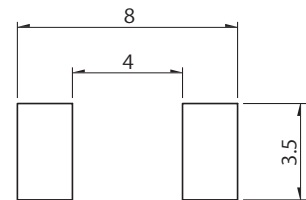
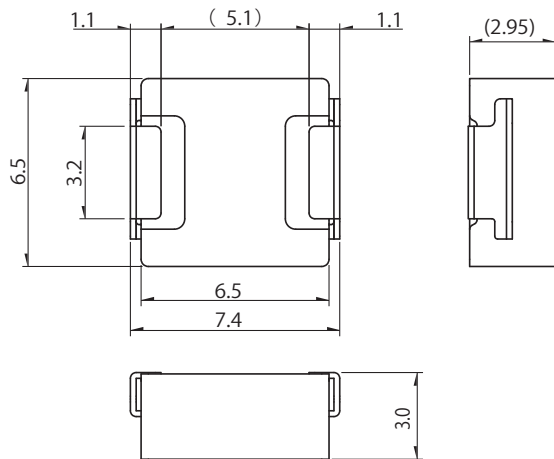
Product No.	Inductance (μH) at 100kHz	Direct Current Resistance (mΩ)	DC Superimposed Allowable Current ΔL/L=30% (A)max.	Allowable Current Under Increased Temperature ΔT=40% (A)max.
GLMC R4701A	0.47 ± 20%	3.1 ± 10%	22.3	15.4
GLMC 1R001A	1.0 ± 20%	5.8 ± 10%	13.9	10.6
GLMC 1R501A	1.5 ± 20%	9.1 ± 10%	10.9	8.8
GLMC 2R701A	2.7 ± 20%	12.9 ± 10%	8.7	7.3
GLMC 3R301A	3.3 ± 20%	20.0 ± 10%	7.1	6.2
GLMC 4R701A	4.7 ± 20%	26.9 ± 10%	5.5	5.1

Dimensions

PC Board Land Dimensions

Unit:mm

Unit:mm



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5. The contents of this catalog are according to Alps Electric as of August 2010.
6. This catalog is valid until the end of December 2010.

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