

FEATURES



- Extreme Low DCR with high efficiency
- Large current with small size
- Low profile and high reliability
- Magnetic shielded and molded construction
- Operating temperature : -55°C ~ +125°C including self-heating

APPLICATIONS

- DC-DC power supply and noise filter circuits
- Tablet, notebook PC, workstation and server etc.
- Telecom for base station etc.

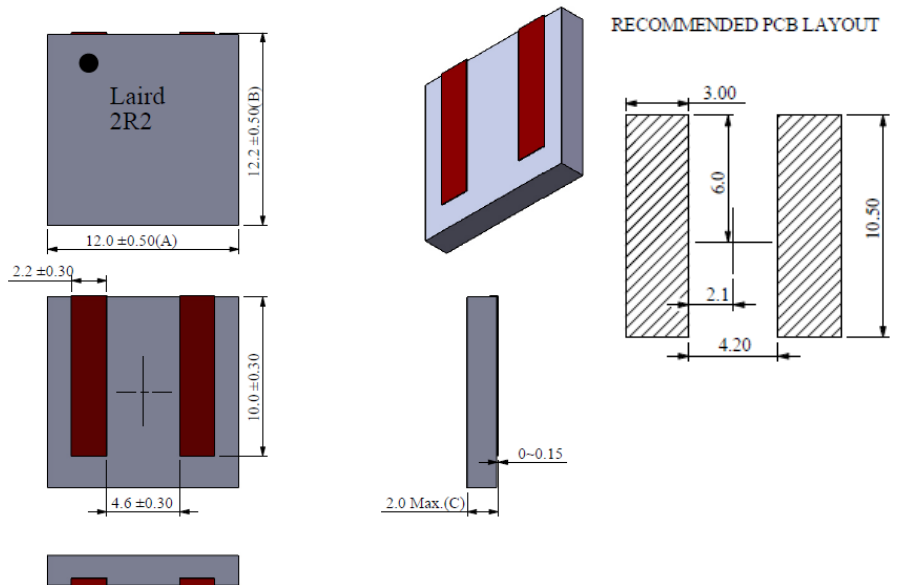
ELECTRICAL SPECIFICATIONS

Product Series	Part Number	Inductance (uH) Typ	Rdc (mOhm) Typ/Max	I _{rms} (A)	I _{sat} (A)
MGV1202	MGV1202R36M-10	0.36	3.50 / 4.00	15.7	25.2
	MGV1202R68M-10	0.68	5.20 / 6.00	14.6	20.5
	MGV12021R0M-10	1.00	7.00 / 8.05	12.6	17.5
	MGV12021R5M-10	1.50	8.50 / 10.20	11.6	15.0
	MGV12021R8M-10	1.80	8.50 / 10.20	10.5	13.6
	MGV12022R2M-10	2.20	13.00 / 14.30	10.1	9.6

Note: standard sample for MGV12022R2M-10 is available, other parts will be available upon request.

DIMENSIONS

Unit:mm



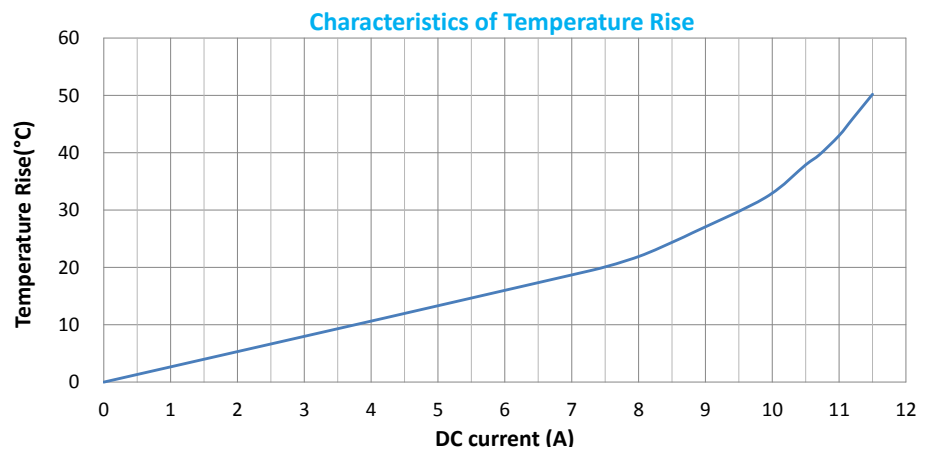
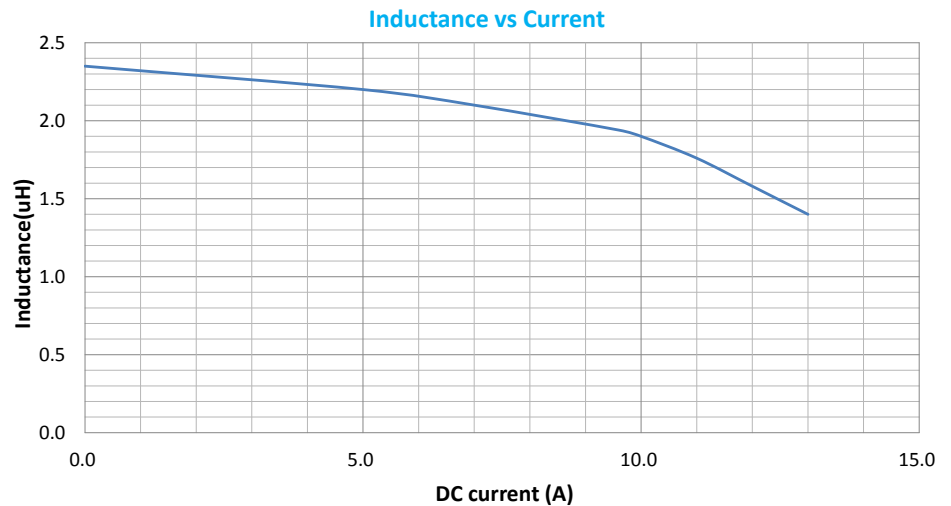
USA: +1.423.308.1690
Europe: +42.0.4885.7511.1
Asia: +86.757.2563.8860

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PART NUMBER SYSTEM EXAMPLE

<u>MGV</u>	<u>1202</u>	<u>2R2</u>	<u>M</u>	-	<u>10</u>
Material Code	Part Size Code	Inductance Code	Tolerance Code(M:±20%)		Standard or Custom Code

TYPICAL ELECTRICAL CHARACTERISTICS FOR MGV12022R2M-10



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