



FEATURES



- High saturation current
- Low core loss
- Magnetically shielded construction, low radiation
- Compact size & robust ferrite construction
- Operating temperature -55°C to 125°C (Including self-heating)
- Surface mount device
- Extremely low DCR

APPLICATIONS

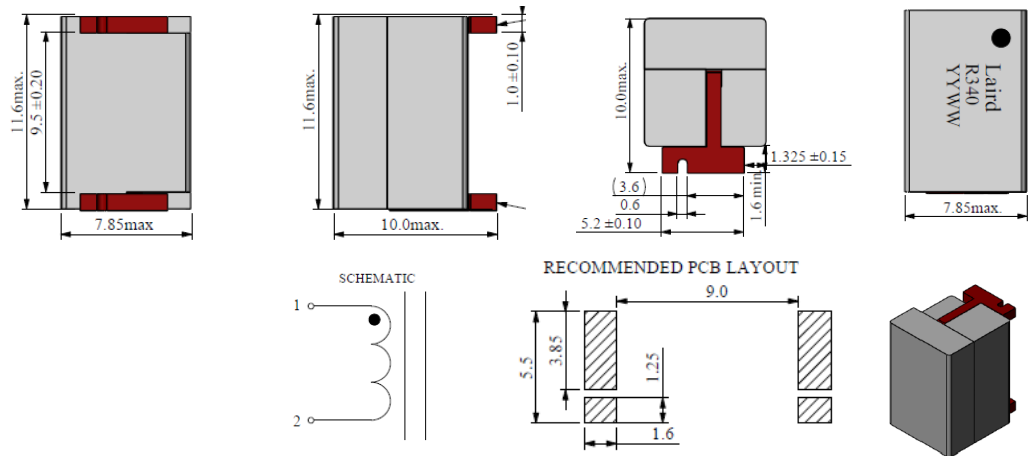
- High speed switch mode application
- Voltage regulator module (VRM)
- CPU/GPU power supply for graphic card or server

ELECTRICAL SPECIFICATIONS

PART NUMBER	OCℓ@550KHz, 0.25Vrms (nH) ±10%	FLL@550KHz, 0.25Vrms (nH) Min.	Isat@ 25±5°C (Adc)	DCR(mΩ) ±5%	Irms (Adc)
LPB1208R340M-10	340	214	35	0.41	45

Remark:

1. OCℓ is open circuit inductance under specified test conditions without applying DC.
2. FLL is full load inductance @25°C when Isat is applied, Isat is the current at which the inductance will drop within the FLL limit.
3. Irm is the current that causes a 40°C temperature rise from 25°C ambient.



PART NUMBER SYSTEM EXAMPLE

LPB	1208	R340	M	-	10
Product Series Code	Part Size Code	Inductance Code	Tolerance Code		Standard or Custom (-10 means standard part)

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

MCP-DS-SMD Power Bead 040616

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user. Laird Technologies makes no warranties as to the fitness, merchantability, suitability or non-infringement of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2016 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trademarks or registered trademarks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights. Version A01