



### 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

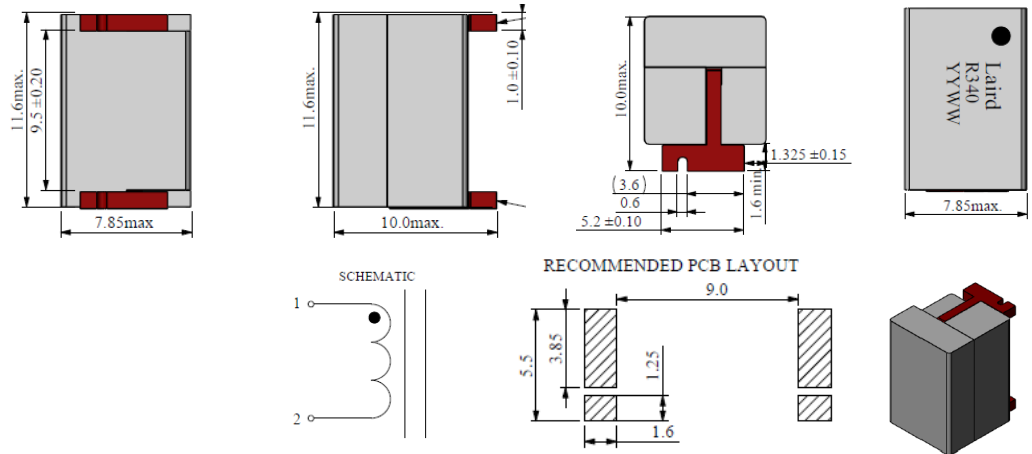
- High speed switch mode application
- Voltage regulator module (VRM)
- CPU/GPU power supply for graphic card or server

### 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. I rms is the current that causes a 40°C temperature rise from 25°C ambient.



### PART NUMBER SYSTEM EXAMPLE

<b>LPB</b>	<b>1208</b>	<b>R340</b>	<b>M</b>	-	<b>10</b>
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

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