

✧ **Features**

- High current carrying capacity
- Low core loss
- Magnetically shielded
- Tight tolerance DCR for sensing circuits
- Moisture Sensitivity Level: 1
- Ferrite core material

✧ **Application**

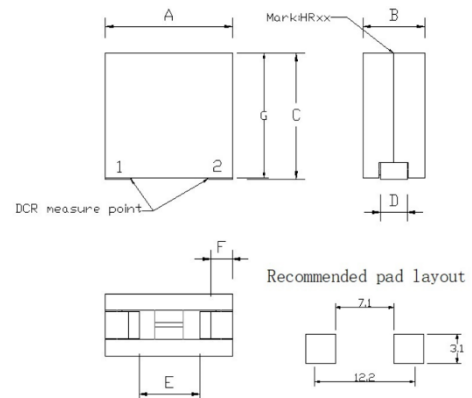
- Voltage Regulator Modules (VRMs) and high power density VRMs
 - a).Server and desktop
 - b).Central processing unit (CPU)
 - c).Graphics processing unit (GPU)
 - d).Application specific integrated circuit (ASIC)
- Data networking and storage systems
- Graphics cards and battery power systems
- Point-of-Load modules (POL)
- DCR sensing circuits
- Multi-phase regulators
- Laptop regulators

Part Number 机种	Inductance(uH)	Rdc(mΩ @ 25℃	Heat Rating current DC Amps. Idc(A)	Saturation current DC Amps Isat(A)
	±15% OA 感值 L0(nH)	±10%	Typ.	Typ.
HATLVR-120612-R11L-S	100	0.125	70	130
HATLVR-120612-R12L-S	120			105
HATLVR-120612-R15L-S	150			86
HATLVR-120612-R20L-S	200			60

✧ **Note**

- All test data is reference to 25℃ ambient.
- Isat: Is the DC current that the inductance drops approximately 20% from its value without current.
- Irms: Is the DC current that cause the temperature rise(ΔT) increasing approximately 40℃ without core loss.
- Inductance test condition:100KHz,0.1Vrms.

✧ **Dimensions in mm**



A	12.0 Max	B	6.0 Max	C	12.0 Max
D	2.5±0.3	E	5.65±0.3	F	1.5±0.3
G	11.3±0.3				

✧ **Regulation of Part Number**

HA FBM - 040404 - R022 M - xx
 ① ② ③ ④ ⑤ ⑥

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|--------------------------|---|
| 1. Hotland assembly | 2. Feature type |
| 3. External Dim(LxWxH)mm | 4. Nominal inductance |
| 5. Inductance tolerance | 6. Design code (*standard product is blank) |