



※ **Features**

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

※ **Application**

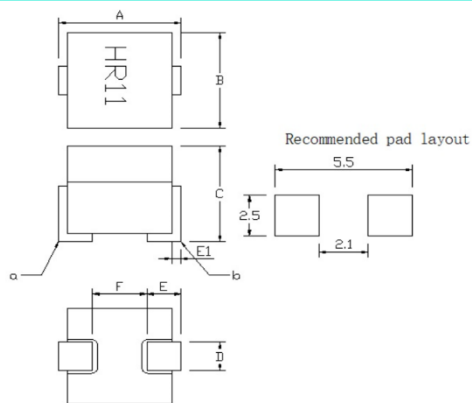
- Voltage Regulator Modules (VRMs) and high power density VRMs
 - a).Server and desktop
 - b).Central processing unit (CPU)
 - c).Graphics processing unit (GPU)
 - d).Application specific integrated circuit (ASIC)
- Data networking and storage systems
- Graphics cards and battery power systems
- Point-of-Load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

Part Number 机种	Inductance(uH) ±20%	Rdc(mΩ) @ 25℃	Heat Rating current DC Amps. Idc(A)	Saturation current DC Amps Isat(A)
	OA 感值 L0(nH)	±10%	Typ.	Typ.
HAFBM-050566-R11M	110	0.29	31	34

※ **Note**

- All test data is reference to 25℃ ambient.
- Isat:Is the DC current that the inductance drops approximately 20% from it value without current.
- Irms: Is the DC current that cause the temperature rise(ΔT) increasing approximately 40℃ without core loss.
- Inductance test condition:100KHz,1Vrms.

※ **Dimensions in mm**



A	5.2 Max	B	5.0 Max	C	6.6 Max
D	2.0±0.2	E	1.2±0.3	E1	0~0.2
F	2.6 TYP				

※ **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) |