

✧ **Features**

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

✧ **Application**

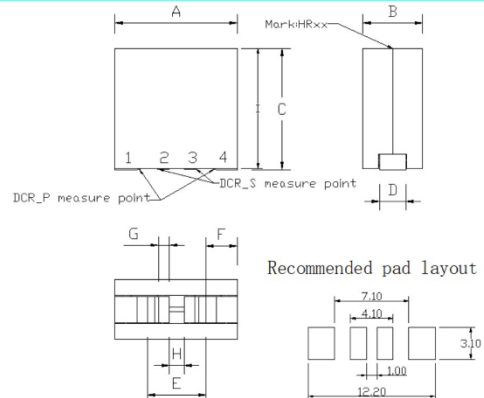
- Voltage Regulator Modules (VRMs) and high power density VRMs
 - a). Server and desktop
 - b). Central processing unit (CPU)
 - c). Graphics processing unit (GPU)
 - d). Application specific integrated circuit (ASIC)
- Data networking and storage systems
- Graphics cards and battery power systems
-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

Part Number 机种	Inductance (uH) ±15% 0A 感值 L0(nH)	Rdc(mΩ) @ 25°C		Heat Rating current DC Amps. Idc(A)	Saturation current DC Amps Isat(A)	Hi-pot
		Pri	Sec			
		±10%	±10%	Typ.	Typ.	Pri to Sec
HATLVR-120612-R11L	105	0.125	0.45	70	130	100Vd c, 1sec, 3mA
HATLVR-120612-R12L	120				105	
HATLVR-120612-R15L	150				86	
HATLVR-120612-R20L	200				60	

✧ **Note**

- All test data is reference to 25°C 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°C 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	5.4±0.3	F	3.1±0.3
G	1.05±0.2	H	1.4±0.3	I	11.3±0.3

✧ **Regulation of Part Number**

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

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