

✧ **Features**

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

✧ **Application**

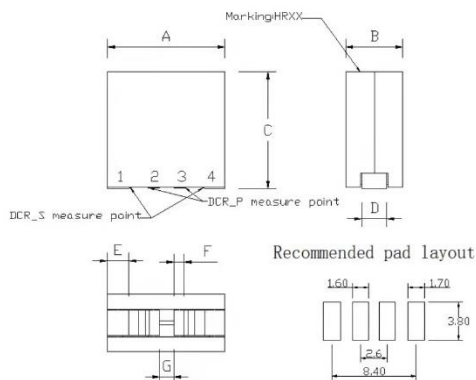
- Voltage Regulator Modules (VRMs) and high power density VRMs
 - a).Server and desktop
 - b).Central processing unit (CPU)
 - c).Graphics processing unit (GPU)
 - d).Application specific integrated circuit (ASIC)
- Data networking and storage systems
- Graphics cards and battery power systems
- Point-of-Load 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	Saturation	Hi-pot
		±10%		current DC	current DC	
		Pri	Sec	Amps. Idc(A)	Amps Isat(A)	
HATLVR-090613-R10L	105	0.145	0.42	72	108	100Vdc 1s, 3mA
HATLVR-090613-R12L	120				94	
HATLVR-090613-R15L	150				75	
HATLVR-090613-R17L	170				66	

✧ **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	9.3±0.3	B	6.1±0.3	C	13.0 Max
D	3.2±0.3	E	1.15±0.3	F	0.9±0.3
G	1.35±0.3				

✧ **Regulation of Part Number**

HTL CTM - 106412 - RXX L - 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) |