



※ **Features**

- Various high power inductors are superior to be high saturation;
- Suitable for surface mounting equipment;

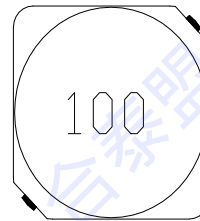


※ **Application**

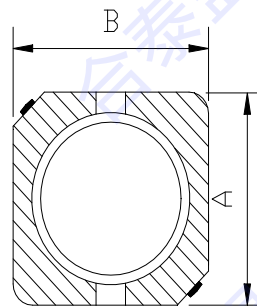
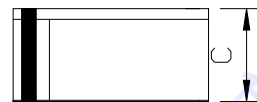
- Power supply choke for small electrical equipments such as VTR, LCD display, Notebook, communication equipment, and so on.

※ **Shapes And Dimensions (unit:mm)**

Part Number	Inductance (μH) 100KHz、0.25V	DCR (Ω) Max	Idc(A) ΔL/L=-10%, Δt=40℃
HTL-CRD5D18-3R3M	3.3±20%	0.053	2.00
HTL-CRD5D18-4R7M	4.7±20%	0.060	1.90
HTL-CRD5D18-6R8M	6.8±20%	0.105	1.40
HTL-CRD5D18-100M	10±20%	0.124	1.20
HTL-CRD5D18-220M	22±20%	0.290	0.80
HTL-CRD5D18-470M	47±20%	0.595	0.54
HTL-CRD5D18-101M	100±20%	1.200	0.36
HTL-CRD5D18-221M	200±20%	4.340	0.18
HTL-CRD5D28-2R2M	2.2±20%	0.017	2.60
HTL-CRD5D28-3R3M	3.3±20%	0.029	2.40
HTL-CRD5D28-100M	10±20%	0.065	1.30
HTL-CRD5D28-220M	22±20%	0.122	0.90
HTL-CRD5D28-470M	47±20%	0.250	0.62
HTL-CRD5D28-101M	100±20%	0.520	0.42
HTL-CRD5D28-221M	220±20%	1.150	0.30
HTL-CRD5D28-471M	470±20%	2.700	0.22



Dimensions(mm)		Series
A	6.00 Max	
B	6.00 Max	
C	2.00 Max	5D18
	3.00 Max	5D28



Suggested pad layout  
Dimensions are in mm

※Note:

- All test data is reference to 25℃ ambient.
- Idc(A):DC current(Isat)that will cause Lo to drop.  
approximately 20 % Max  
Idc(A):DC current(Isat)that will cause an approximate ΔT of 40℃.
- Operate between temperature range:-50℃ to +125℃

※ **Regulation of Part number**

HTL - CRD 5D18 - 2R2 M  
①            ②            ③            ④            ⑤

- ① Totline Inductor;
- ② Series Code;
- ③ Dimensions(unit:mm): 6.0\*6.0\*2.0
- ④ Typical Inductance Value:2R2=2.2μH;
- ⑤ Tolerance:M=±20 % ,N=±30 % ;