

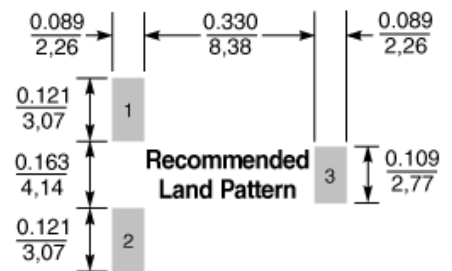
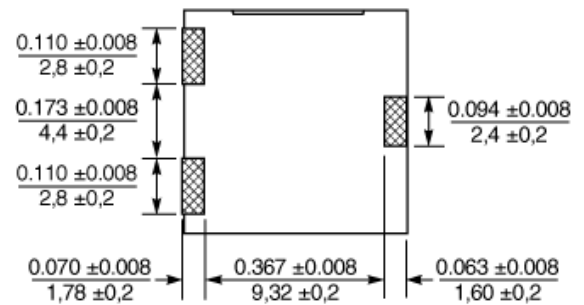
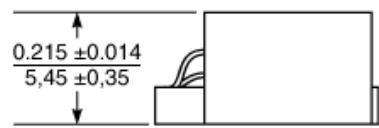
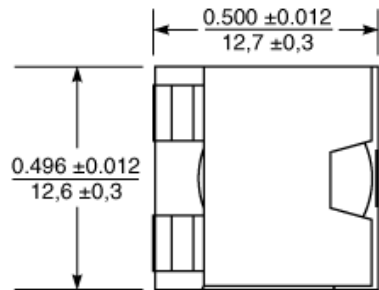
# CER1360



## ◆ 特征 Feature

- 高特性，小尺寸，闭磁功率电感。  
Robust, space saving, shielded inductors.
- 饱和电流可达到最高 43 Amps。  
Saturation current ratings up to 43 Amps.
- 非常低的直流电阻特性。  
Very low DC resistance.

## ◆ 外形尺寸 Dimension



Dimensions are in  $\frac{\text{inches}}{\text{mm}}$

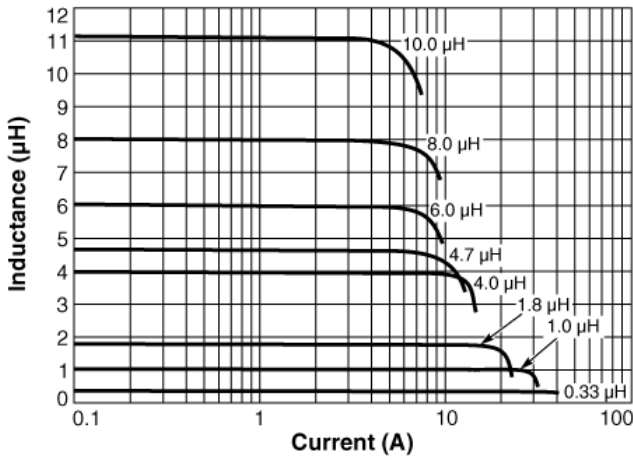
型号 Part number	电感量 Inductance	直流电阻 DCR	自谐频率 SRF	饱和电流 Isat	温升电流 I <sub>rms</sub>
Units	( $\mu\text{H}$ )	( $\text{m}\Omega$ ) max	(MHz) typ	(A) 30% drop	(A) 40°C rise
CER1360-R33KL_	0.33±10%	0.85	200	43	16.9
CER1360-R65KL_	0.65±10%	0.85	160	28	16.9
CER1360-1R0KL_	1.0±10%	2.60	75	33.5	13.0
CER1360-1R8KL_	1.8±10%	2.60	50	20	13.0
CER1360-2R7KL_	2.7±10%	2.60	42	14	13.0
CER1360-4R0KL_	4.0±10%	6.05	32	13	9.4
CER1360-4R7KL_	4.7±10%	6.05	32	12	9.4
CER1360-6R0KL	6.0±10%	6.05	28	9.5	9.4
CER1360-8R0KL_	8.0±10%	10.81	26	9.0	7.6
CER1360-100KL_	10±10%	10.81	24	7.5	7.2

※ 饱和电流：电感值下降到标准值的 70% 时的电流值。  
Isat: This indicates the value of DC current when the inductance decreases to 70% of its nominal value.

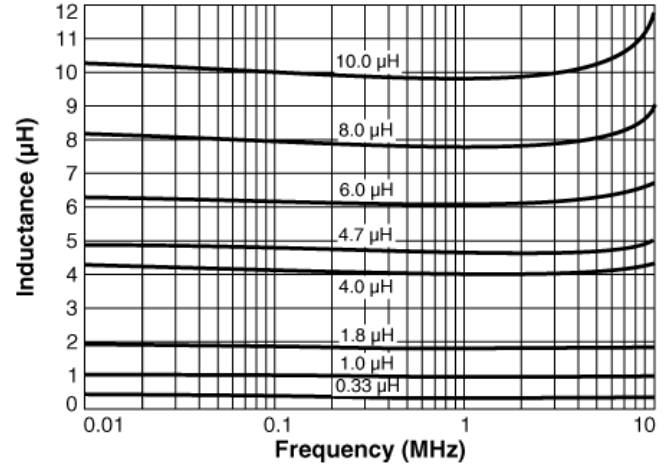
※ 温升电流：线圈温度上升  $\Delta T=40^\circ\text{C}$  时的电流值（基准温度  $T_a=20^\circ\text{C}$ ）  
I<sub>rms</sub>: The current when temperature of coil becomes  $\Delta T=40^\circ\text{C}$ . ( $T_a=20^\circ\text{C}$ )

continued from previous page 接上页 CER1360

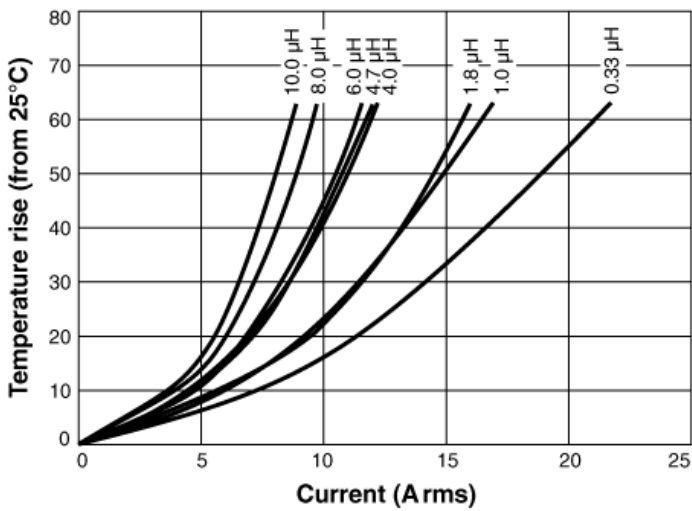
◆ 电感值 vs 电流曲线  
**Typical L vs Current**



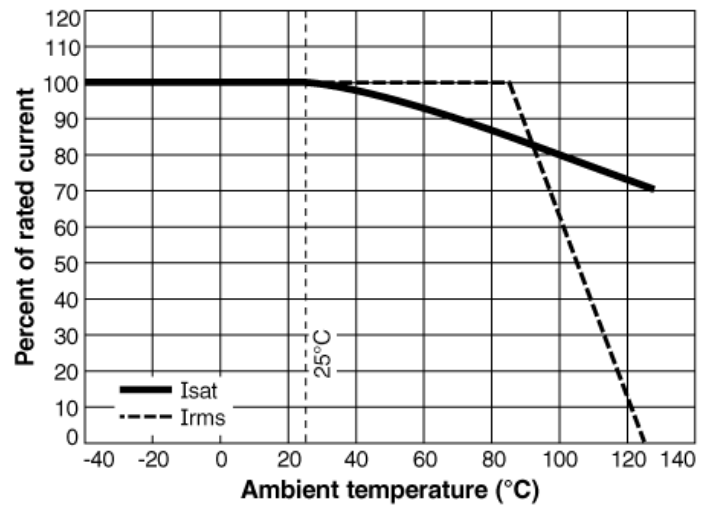
◆ 电感值 vs 频率曲线  
**Typical L vs Frequency**



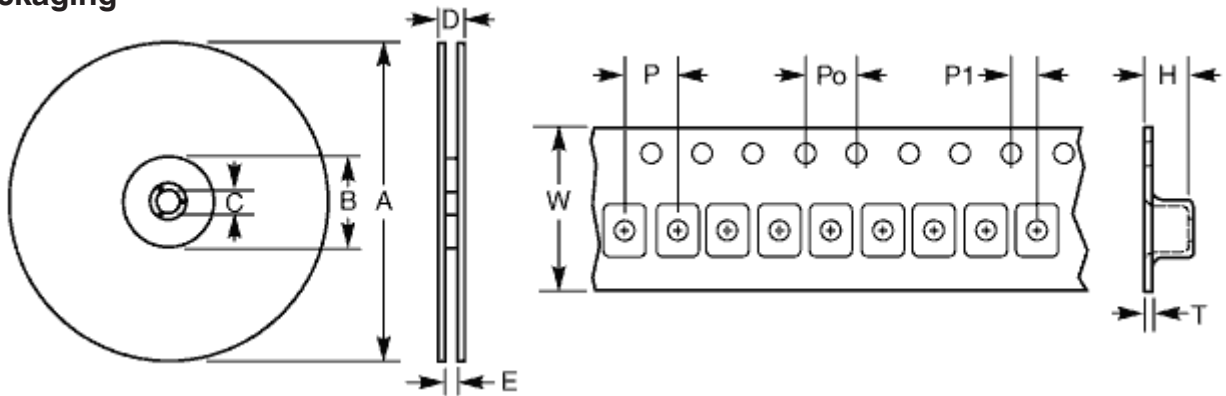
◆ 温度上升曲线  
**Temperature Rise vs Current**



◆ 电流下降曲线  
**Irms Derating**



◆ 包装方式  
**Packaging**



每盘数量 Parts per reel	卷盘尺寸 Reel dimensions (mm)					卷带尺寸 Tape dimensions (mm)						方向 Orientation
	A	B	C	D	E	W	P	Po	P1	H	T	
13" (330 mm)	330	100	13	30,4	24,4	24	16	4	2	6,6	0,4	
500												