

# POH5010H

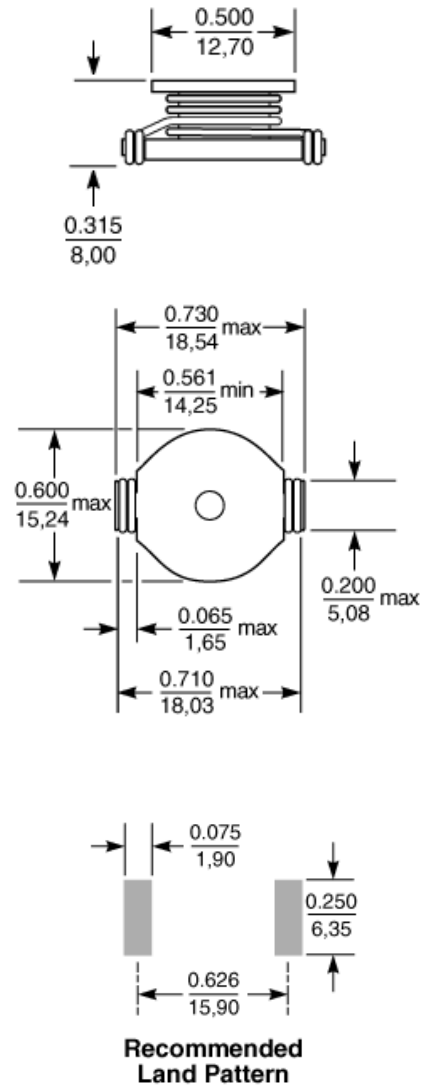


## ◆ 特征 Feature

- 温升电流高达 15A，饱和电流高达 30A。  
Irms ratings up to 15 A; saturation currents up to 30 A
- 使用粗线径绕线，直流电阻特性好。  
Heavy gauge wire for low DC resistance.
- 使用已上锡的线材作为焊盘，使产品具有良好的可焊性。  
Soldered self-leaded construction for excellent solderability.

型号 Part number	电感量 Inductanc	直流电阻 DCR	自谐频率 SRF	饱和电流 Isat	温升电流 Irms
Units	( $\mu$ H)	(m $\Omega$ ) max	(MHz) typ	(A) 30% drop	(A) 40°C rise
POH5010H-R78ML_	0.78±20%	2.6	156	30	15
POH5010H-1R5ML_	1.5±20%	4.0	100	25	15
POH5010H-2R2ML_	2.2±20%	6.1	75	20	12
POH5010H-3R3ML_	3.3±20%	8.6	60	17	10
POH5010H-3R9ML_	3.9±20%	10	55	15	9.0
POH5010H-4R7ML_	4.7±20%	14	40	13	8.4
POH5010H-6R0ML_	6.0±20%	17	35	12	7.5
POH5010H-7R8ML_	7.8±20%	18	35	11	7.5
POH5010H-100ML_	10±20%	26	28	10	6.0
POH5010H-120ML_	12±20%	28	26	8.5	4.4
POH5010H-150ML_	15±20%	32	20	8.0	4.4
POH5010H-220ML_	22±20%	47	20	7.0	3.5
POH5010H-330ML_	33±20%	66	15	5.5	3.0
POH5010H-470ML_	47±20%	86	9	4.5	2.6
POH5010H-680ML_	68±20%	130	8	3.5	2.3
POH5010H-101ML_	100±20%	190	7	3.0	1.8
POH5010H-151ML_	150±20%	250	6	2.6	1.5
POH5010H-221ML_	220±20%	380	5	2.4	1.2
POH5010H-331ML_	330±20%	560	4	1.9	1.0
POH5010H-471ML_	470±20%	850	3	1.4	0.82
POH5010H-681ML_	680±20%	1100	2.5	1.2	0.72
POH5010H-102ML_	1000±20%	1800	2.0	1.0	0.56

## ◆ 外形尺寸 Dimension



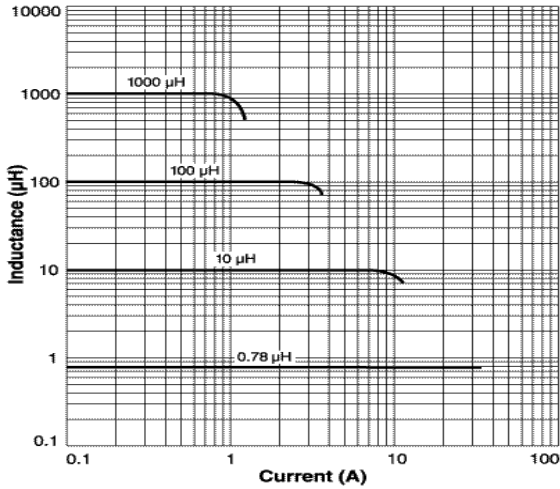
- ※ 饱和电流：电感值下降到标准值的 80% 时的电流值。  
Isat: This indicates the value of DC current when the inductance decreases to 80% of its nominal value.
- ※ 温升电流：线圈温度上升  $\Delta T=40^{\circ}\text{C}$  时的电流值（基准温度  $T_a=20^{\circ}\text{C}$ ）  
Irms: The current when temperature of coil becomes  $\Delta T=40^{\circ}\text{C}$ . ( $T_a=20^{\circ}\text{C}$ )

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

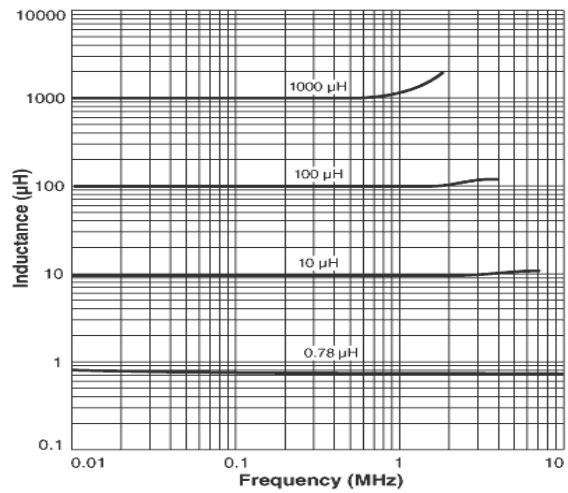
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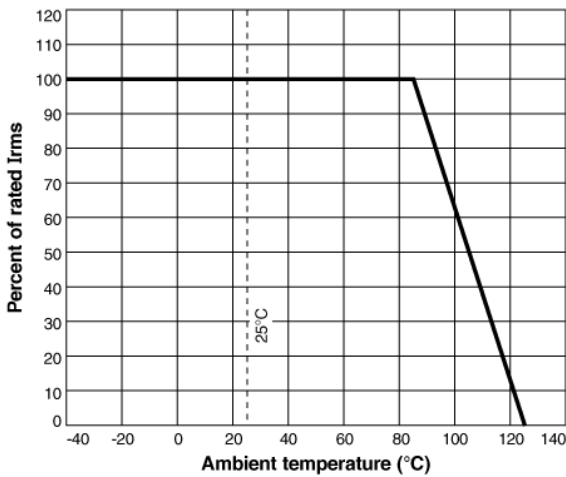
◆ 电感值 vs 电流曲线  
**Typical L vs Current**



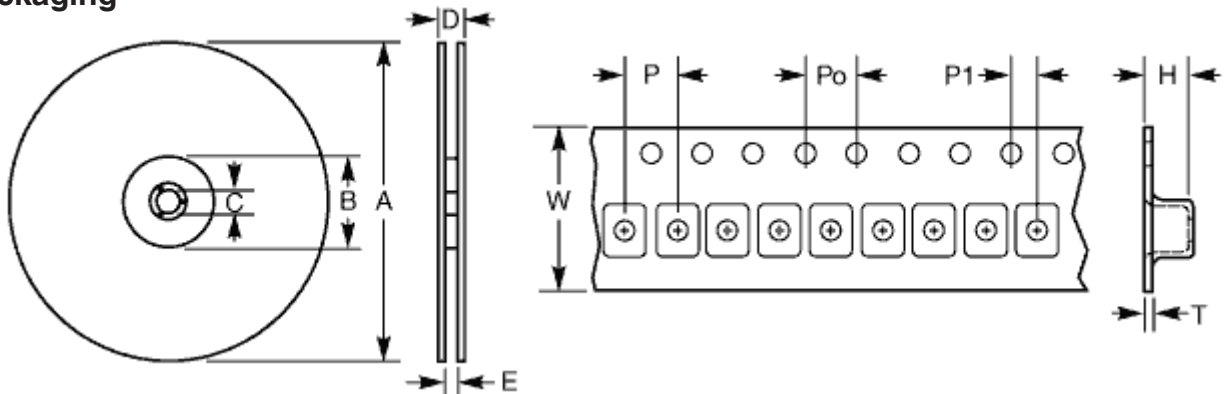
◆ 电感值 vs 频率曲线  
**Typical L vs Frequency**




◆ 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
13" (330 mm)	A	B	C	D	E	W	P	Po	P1	H	T	
250	330	100	13	38,4	32,4	32	24	4	2	7,8	0,38	