

1812HF



◆ 特征 Feature

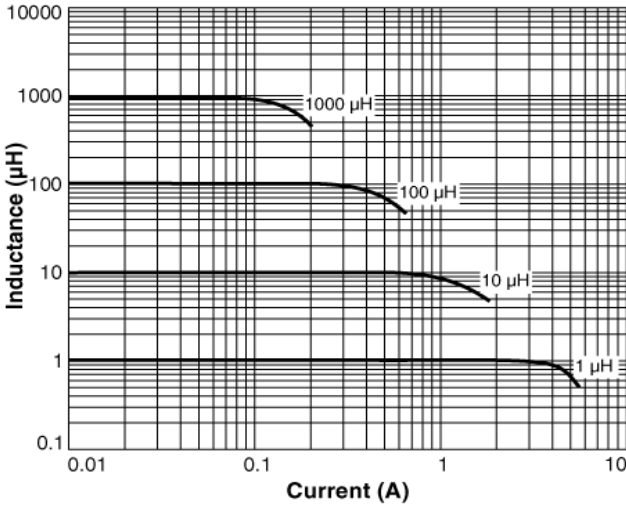
- 闭磁功率电感。高度 3.81mm。
Magnetically shielded Inductor. Only 3,81mm high.
- 低直流电阻
Low DC resistance.
- 高性能的传输和接受滤波器
High performance in transmit and receive filters.
- 29 个感值从 1.0 – 1000 μH 。
29 inductance values from 1.0 – 1000 μH .

型号 Part number	电感量 Inductance	公差 tolerance	Q 值 Typical Q	自谐频率 SRF	直流电阻 DCR	饱和电流 Isat	温升电流 I _{rms}
Units	(μH)	—	min	(MHz min)	(Ω max)	(mA)	(mA)
1812HF-1R0_L_	1.0	10,5	30	320	0.070	3100	2950
1812HF-1R2_L_	1.2	10,5	35	280	0.110	2800	2600
1812HF-1R5_L_	1.5	10,5	20	200	0.105	2100	2850
1812HF-2R2_L_	2.2	10,5	30	175	0.120	1800	2700
1812HF-2R4_L_	2.4	10,5	25	160	0.175	1900	2050
1812HF-2R7_L_	2.7	10,5	30	165	0.200	1400	2100
1812HF-3R3_L_	3.3	10,5	33	160	0.185	1400	1900
1812HF-3R9_L_	3.9	10,5	32	145	0.195	1300	1700
1812HF-4R7_L_	4.7	10,5	28	125	0.15	1000	1800
1812HF-5R6_L_	5.6	10,5	35	110	0.40	1000	1650
1812HF-6R8_L_	6.8	10,5	35	110	0.35	850	1450
1812HF-100_L_	10	10,5	35	90	0.55	710	1400
1812HF-150_L_	15	10,5	40	75	0.75	680	1150
1812HF-220_L_	22	10,5	45	15	0.85	600	855
1812HF-330_L_	33	10,5	45	10	1.1	540	820
1812HF-390_L_	39	10,5	45	9.8	1.1	500	710
1812HF-470_L_	47	10,5	45	8.0	1.2	390	645
1812HF-680_L_	68	10,5	45	22.0	1.8	260	650
1812HF-101_L_	100	10,5	45	4.5	2.5	260	520
1812HF-151_L_	150	10,5	40	3.4	3.8	220	475
1812HF-221_L_	220	10,5	45	3.0	5.4	180	390
1812HF-271_L_	270	10,5	35	2.0	6.5	150	350
1812HF-331_L_	330	10,5	45	3.0	6.8	150	310
1812HF-391_L_	390	10,5	35	2.6	7.6	140	310
1812HF-471_L_	470	10,5	35	2.1	8.7	130	280
1812HF-561_L_	560	10,5	20	1.60	11.2	110	280
1812HF-681_L_	680	10,5	25	1.90	12.7	100	250
1812HF-821_L_	820	10,5	25	1.45	16.8	90	210
1812HF-102_L_	1000	10,5	30	1.68	19.5	90	160

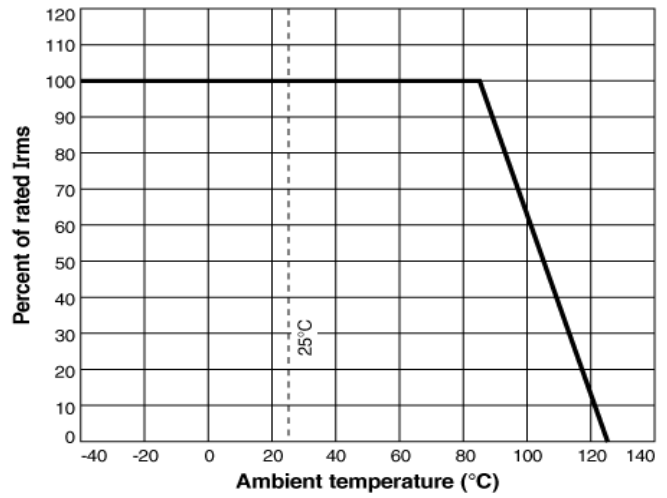
continued on next page 接下页

continued from previous page 接上页 1812HF

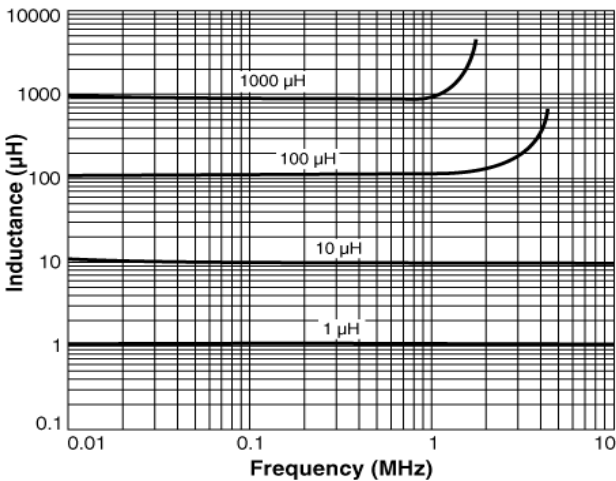
◆ 电感值 vs 电流 L vs Current



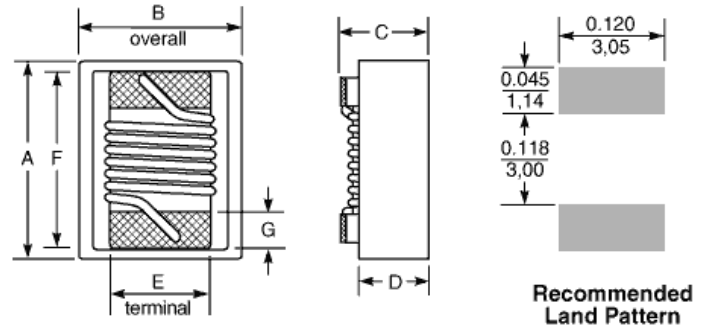
◆ 电流下降曲线 Irms Derating



◆ 电感值 vs 频率曲线 Typical L vs Frequency

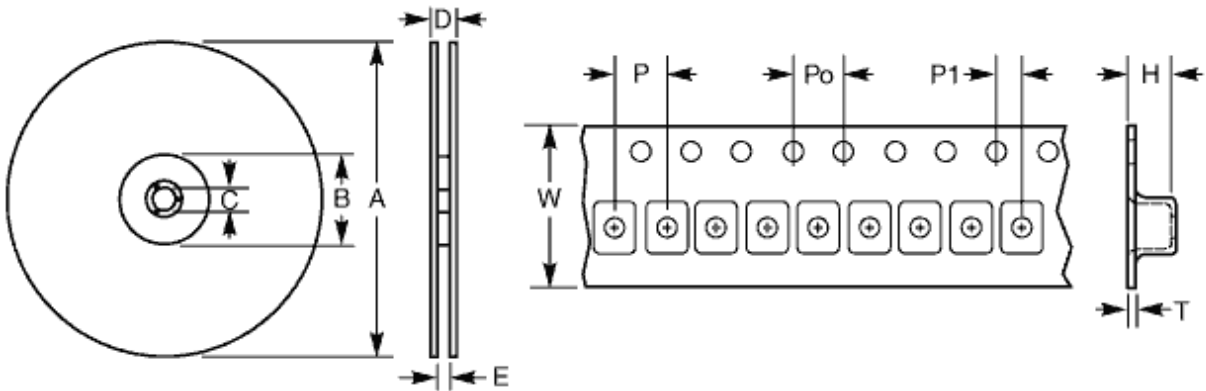


◆ 外形尺寸 Dimension



A max	B max	C max	D ref	E ref	F ref	G	
0.231	0.196	0.150	0.107	0.100	0.178	0.025	inches
5,87	4,98	3,81	2,72	2,54	4,52	0,64	mm

◆ 包装方式 Packaging



每盘数量 Parts per reel	
7" (178 mm)	13" (330 mm)
600	2000

卷盘尺寸 Reel dimensions (mm)				
A	B	C	D	E
178/330	60/100	13	18,4	12,4

卷带尺寸 Tape dimensions (mm)					
W	P	Po	P1	H	T
12	8	4	2	3,9	0,25

