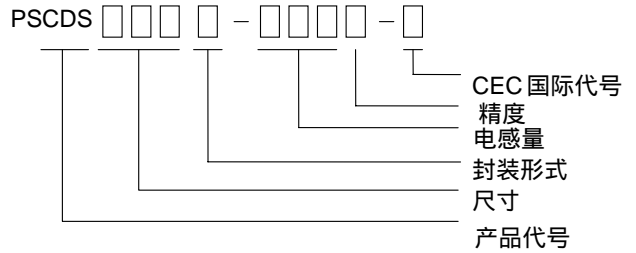




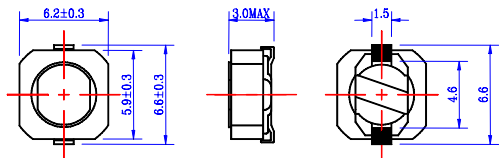
PSCDS 功率电感通过用屏蔽磁芯直接连接铁氧体电极成形，具有良好的屏蔽电磁辐射特性。该系列产品体积小，工作电流大，适用于各种 DC-DC 变换器。

产品型号说明

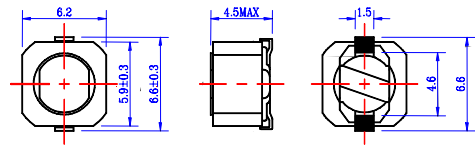


外形和尺寸

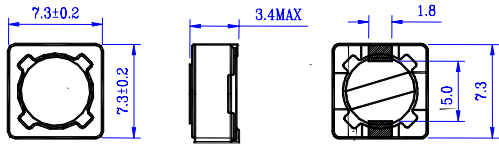
PSCDS62B (3.3μH ~ 330μH)



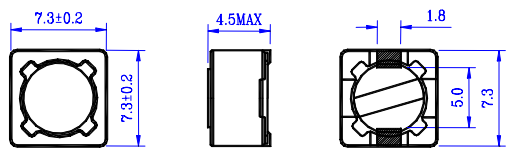
PSCDS64B (10μH ~ 1000μH)



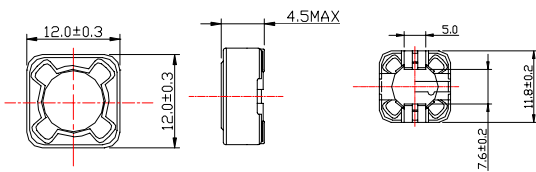
PSCDS73 (10μH ~ 1.0mH)



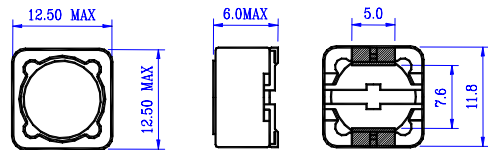
PSCDS74 (10μH ~ 1.0mH)



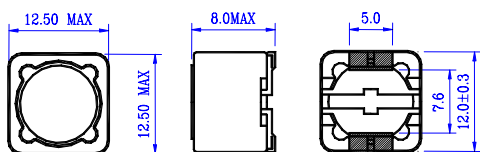
PSCDS124 (3.9μH ~ 330mH)



PSCDS125 (10μH ~ 1.0mH)



PSCDS127 (10μH ~ 47mH)



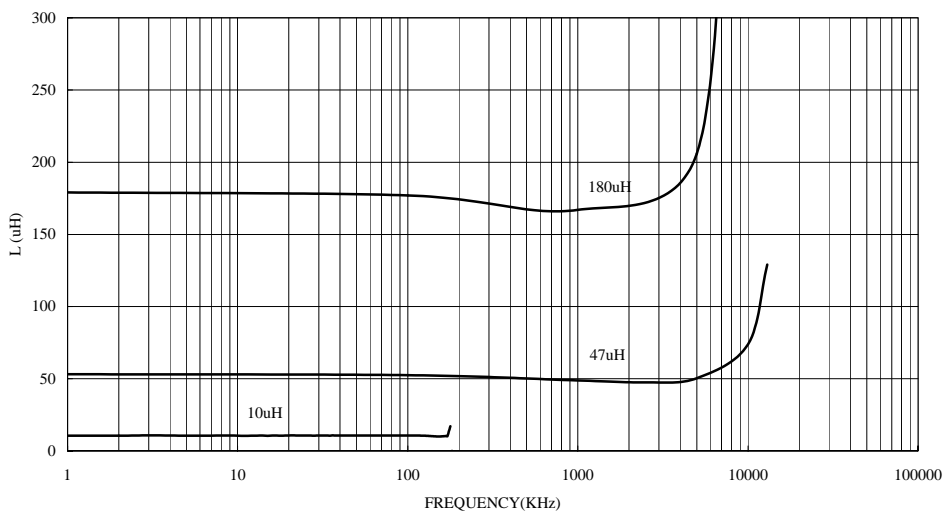
标准规格

规格	电感量 (μH)	直流电阻() Max							IDC(A) Min							
		PSCDS 62B	PSCDS 64B	PSCDS 73	PSCDS 74	PSCDS 124	PSCDS 125	PSCDS 127	PSCDS 62B	PSCDS 64B	PSCDS 73	PSCDS 74	PSCDS 124	PSCDS 125	PSCDS 127	
1R2N	1.2	-	-	-	-	-	-	7.0m	-	-	-	-	-	-	9.80	
2R4N	2.4	-	-	-	-	-	-	11.5m	-	-	-	-	-	-	8.00	
3R3N	3.3	*	68m	-	-	-	-	-	1.94	-	-	-	-	-	-	
3R5N	3.5	-	-	-	-	-	-	13.5m	-	-	-	-	-	-	7.50	
3R9N	3.9	-	-	-	-	15m	-	-	-	-	-	-	6.50	-	-	
4R7N	4.7	*	80m	-	-	-	18m	-	15.8m	1.63	-	-	-	5.70	-	6.80
5R5N	5.5	*	96m	-	-	-	-	-	-	1.40	-	-	-	-	-	-
6R1N	6.1	-	-	-	-	-	-	17.6m	-	-	-	-	-	-	-	6.60
6R8N	6.8	*	0.10	-	-	-	23m	-	-	1.33	-	-	-	4.90	-	-
7R6N	7.6	-	-	-	-	-	-	20.0m	-	-	-	-	-	-	-	5.90
8R2N	8.2	*	0.10	-	-	-	-	-	20.0m	1.14	-	-	-	-	-	5.90
100M	10	**	0.15	0.12	72m	49m	28m	25m	21.6m	1.10	1.35	1.68	1.84	4.50	4.00	5.40
120M	12	**	0.20	0.13	98m	58m	38m	27m	24.3m	1.00	1.22	1.52	1.71	4.00	3.50	4.90
150M	15	**	0.23	0.18	0.13	81m	50m	30m	27.0m	0.90	1.11	1.33	1.47	3.20	3.30	4.50
180M	18	**	0.27	0.24	0.14	91m	57m	34m	39.2m	0.80	1.02	1.20	1.31	3.10	3.00	3.90
220M	22	**	0.34	0.27	0.19	0.11	66m	36m	43.2m	0.74	0.91	1.07	1.23	2.90	2.80	3.60
270M	27	**	0.38	0.30	0.21	0.15	80m	51m	45.9m	0.66	0.82	0.96	1.12	2.80	2.30	3.40
330M	33	**	0.45	0.33	0.24	0.17	97m	57m	64.8m	0.59	0.74	0.91	0.96	2.70	2.10	3.00
390M	39	**	0.49	0.37	0.32	0.23	0.132	68m	72.9m	0.54	0.69	0.77	0.91	2.10	2.00	2.75
470M	47	**	0.69	0.52	0.36	0.26	0.150	75m	0.10	0.50	0.62	0.76	0.88	1.90	1.80	2.50
560M	56	**	0.78	0.56	0.47	0.35	0.190	0.11	0.11	0.46	0.58	0.68	0.75	1.80	1.70	2.35
680M	68	**	1.07	0.63	0.52	0.38	0.220	0.12	0.14	0.42	0.51	0.61	0.69	1.50	1.50	2.10
820M	82	**	1.21	0.71	0.69	0.43	0.260	0.14	0.46	0.38	0.46	0.57	0.61	1.30	1.40	1.95
101M	100	***	1.39	1.03	0.79	0.61	0.308	0.16	0.22	0.34	0.42	0.50	0.60	1.20	1.30	1.70
121M	120	***	1.90	1.15	0.89	0.66	0.380	0.17	0.25	0.31	0.38	0.49	0.52	1.10	1.10	1.60
151M	150	***	2.18	1.68	1.27	0.88	0.530	0.23	0.28	0.28	0.35	0.43	0.46	0.95	1.00	1.42
181M	180	***	2.77	1.87	1.45	0.98	0.620	0.29	0.35	0.26	0.32	0.39	0.42	0.85	0.90	1.30
221M	220	***	3.12	2.08	1.65	1.17	0.700	0.40	0.39	0.23	0.29	0.35	0.36	0.80	0.80	1.16
271M	270	***	4.38	2.37	2.31	1.64	0.876	0.46	0.56	0.22	0.26	0.32	0.34	0.60	0.75	1.06
331M	330	***	4.94	2.67	2.62	1.86	0.990	0.51	0.64	0.19	0.23	0.28	0.32	0.50	0.68	0.95
391M	390	-	-	2.94	2.94	2.85	-	0.69	0.70	-	0.22	0.26	0.29	-	0.65	0.88
471M	470	-	-	3.93	4.18	3.01	-	0.77	0.98	-	0.20	0.24	0.26	-	0.58	0.79
561M	560	-	-	5.43	4.67	3.62	-	0.86	1.07	-	0.18	0.22	0.23	-	0.54	0.93
681M	680	-	-	7.32	5.73	4.63	-	1.20	1.46	-	0.17	0.19	0.22	-	0.48	0.67
821M	820	-	-	8.24	6.54	5.20	-	1.34	1.64	-	0.15	0.18	0.20	-	0.43	0.60
102M	1000	-	-	9.26	9.44	6.00	-	1.53	1.82	-	0.14	0.16	0.18	-	0.40	0.55

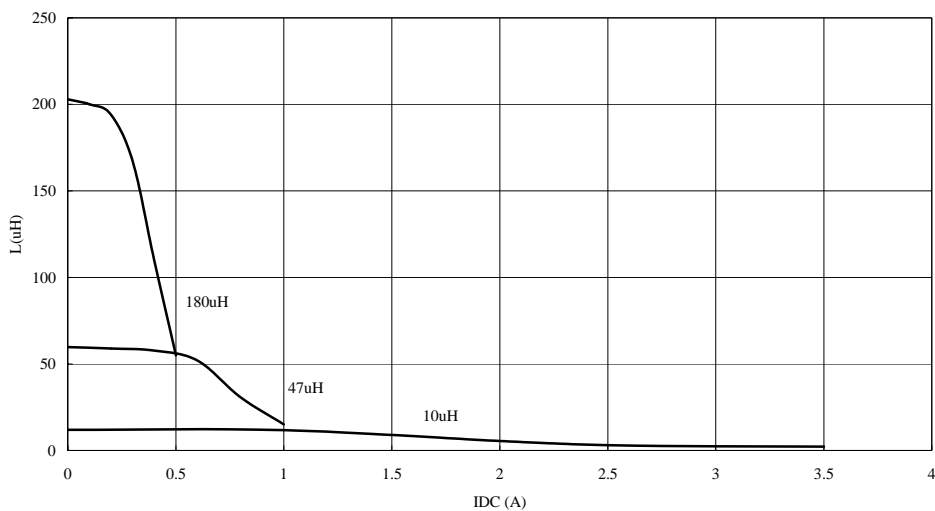
通用测试频率：1KHz/1V		
特殊测试频率：PSCDS62B：7.96MHz 2.52MHz 1KHz		
精度：	PSCDS62B $\pm 20\%$ (M) PSCDS64B $\pm 20\%$ (M) PSCDS73 $\pm 20\%$ (M) PSCDS74 $\pm 20\%$ (M) PSCDS124 $\pm 20\%$ (M)	PSCDS125 $\pm 20\%$ (M) PSCDS127 $^{+40}_{-20}\%$ (N) $\pm 20\%$ (M)
电感量下降 35%时通过的电流为 IDC 电流		

测试仪器：HP4291A 阻抗分仪

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

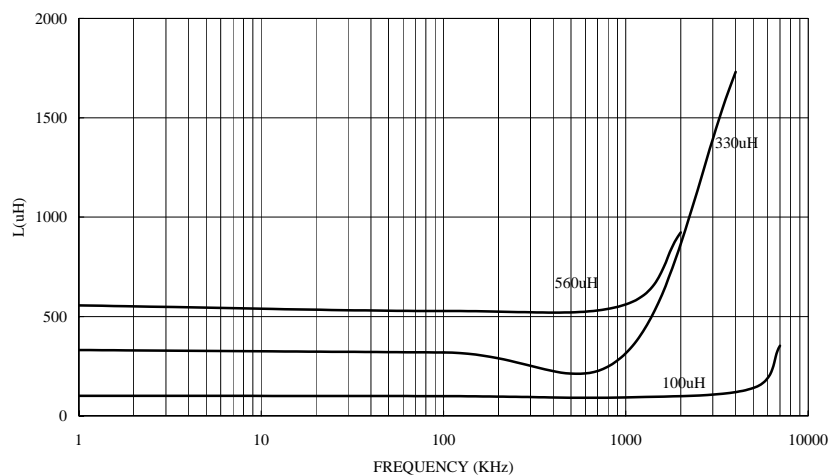


INDUCTANCE vs. IDC CHARACTERISTICS

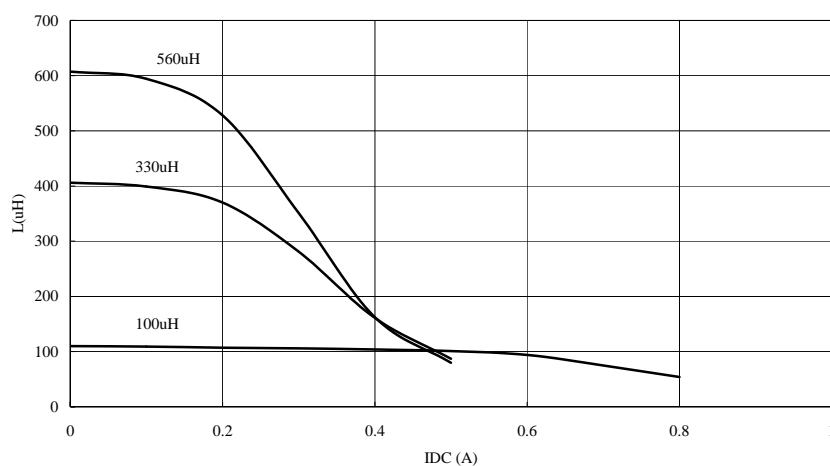


测试仪器：HP4291A 阻抗分析仪

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

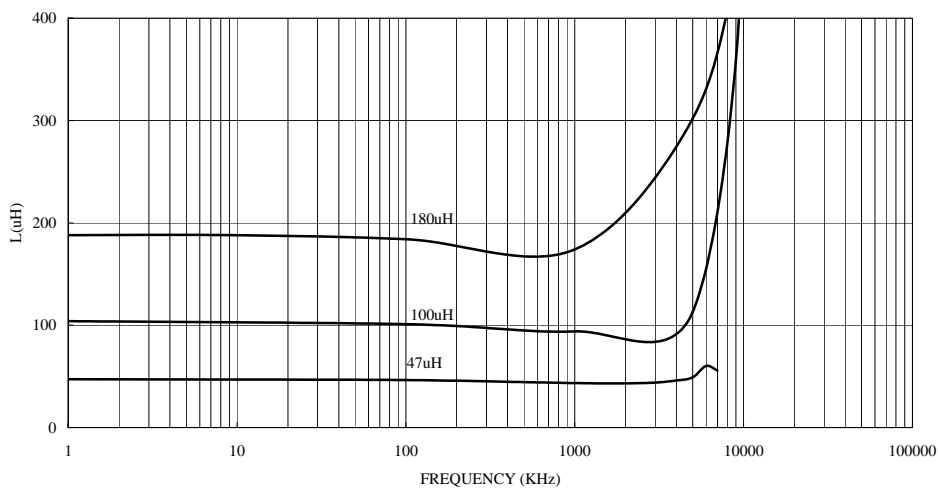


INDUCTANCE vs. IDC CHARACTERISTICS

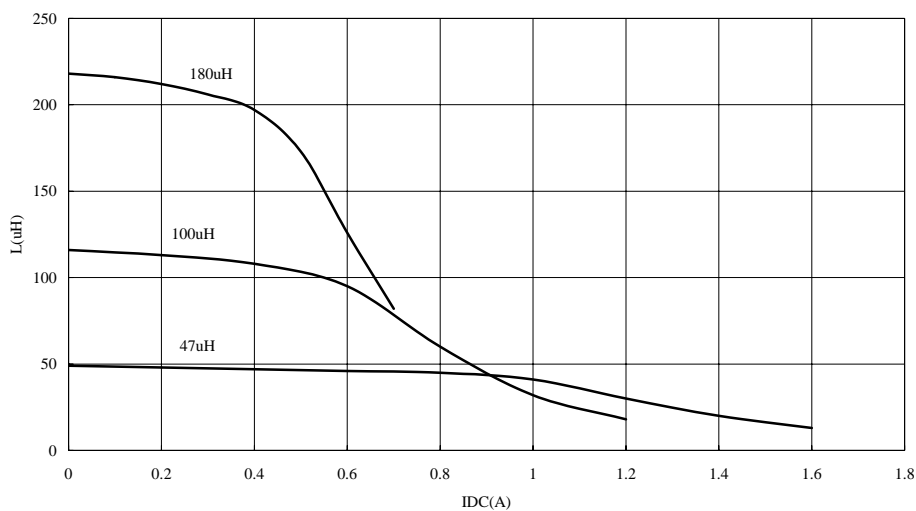


测试仪器：HP4291A 阻抗分析仪

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

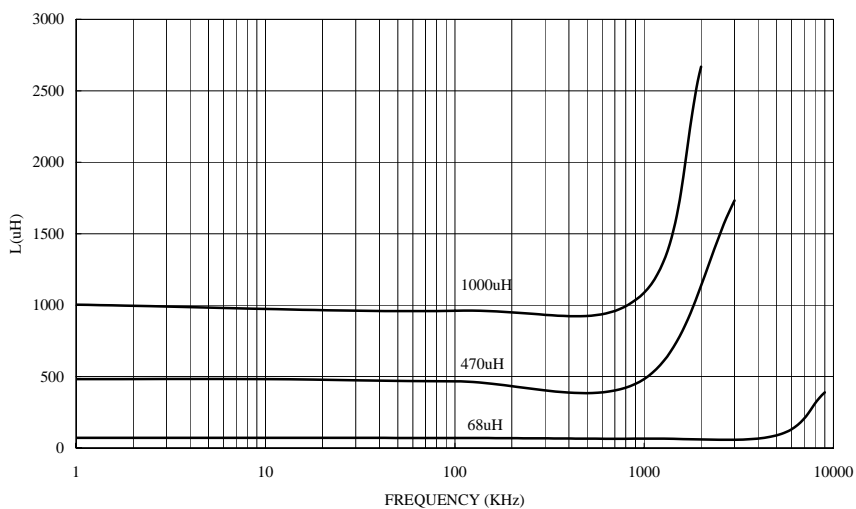


INDUCTANCE vs. IDC CHARACTERISTICS

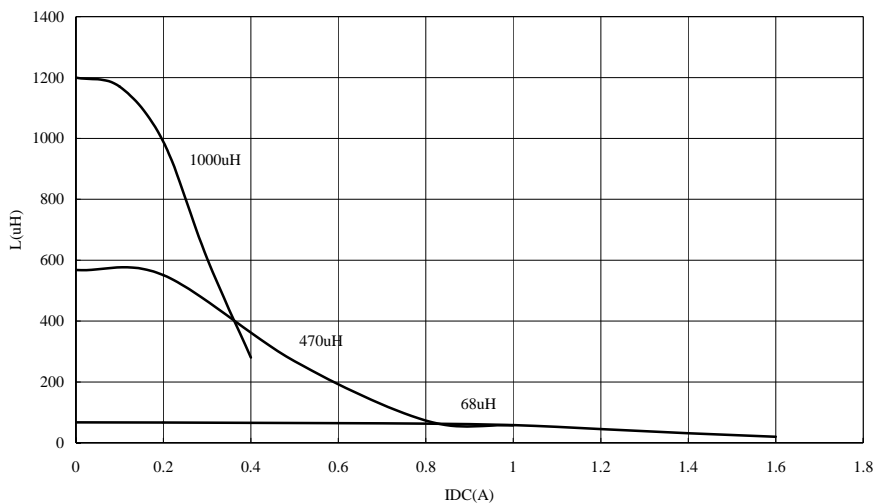


测试仪器：HP4291A 阻抗分析仪

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

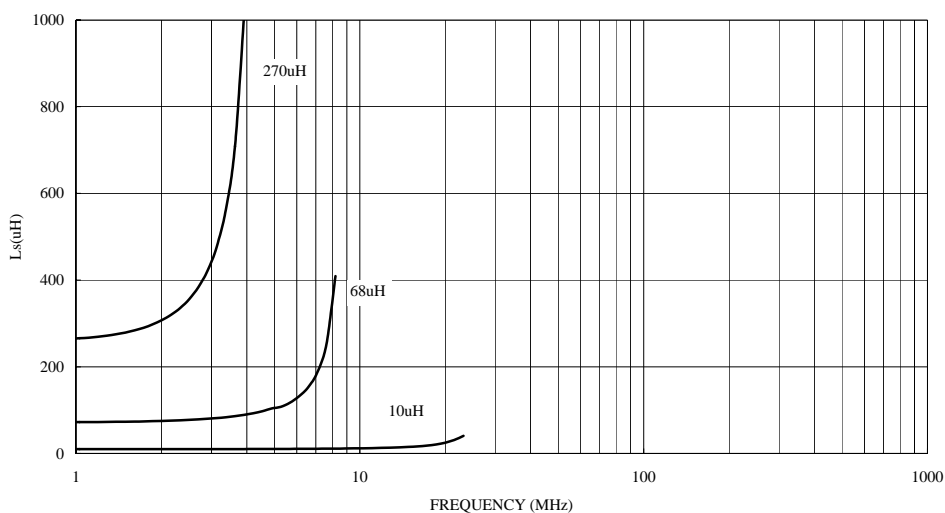


INDUCTANCE vs. IDC CHARACTERISTICS

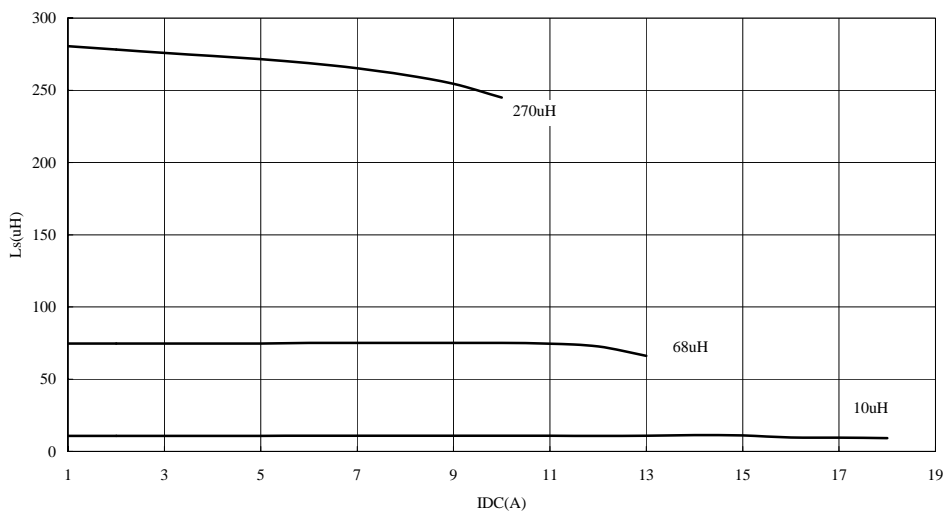


测试仪器：HP4291A 阻抗分析仪

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

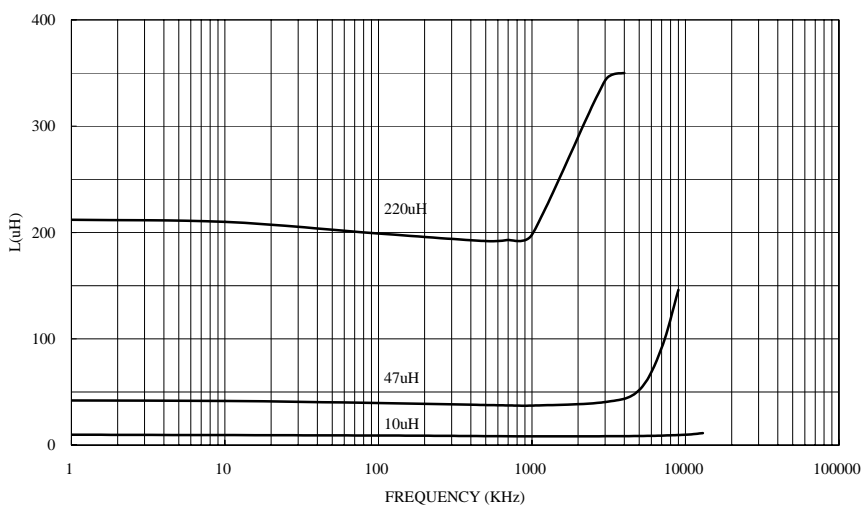


INDUCTANCE vs. IDC CHARACTERISTICS

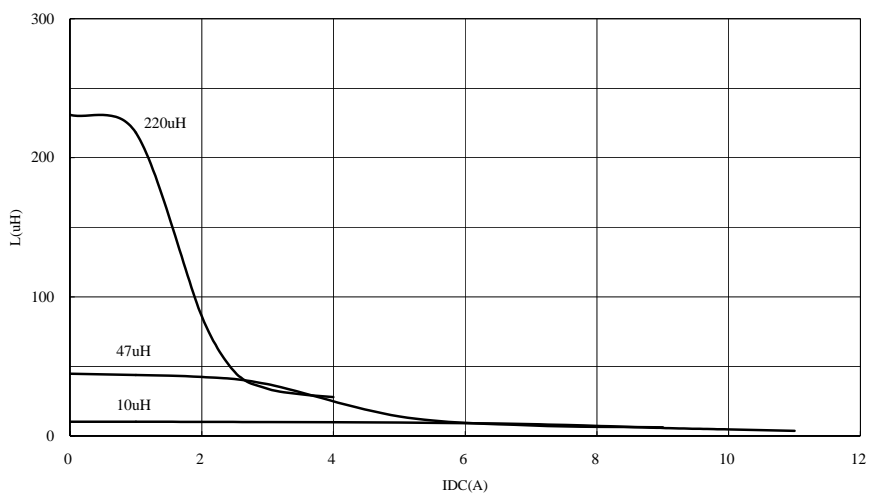


测试仪器：HP4291A 阻抗分析仪

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

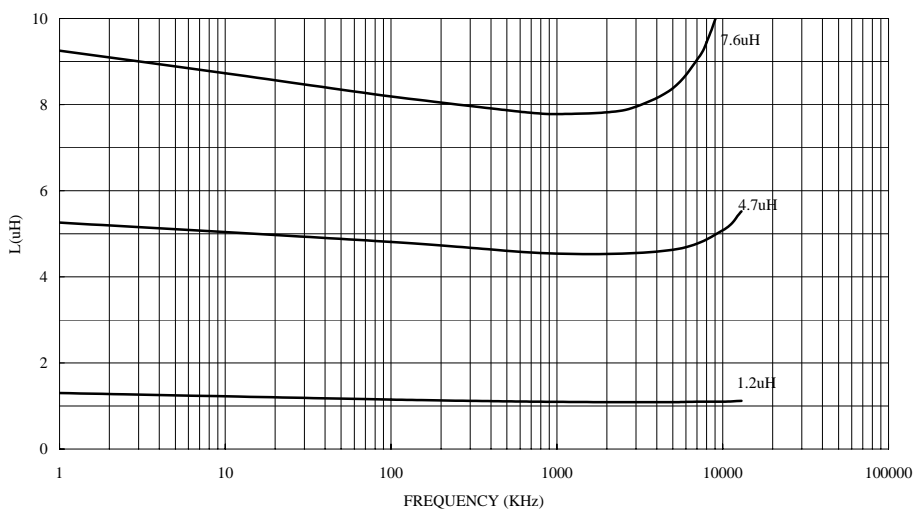


INDUCTANCE vs. IDC CHARACTERISTICS

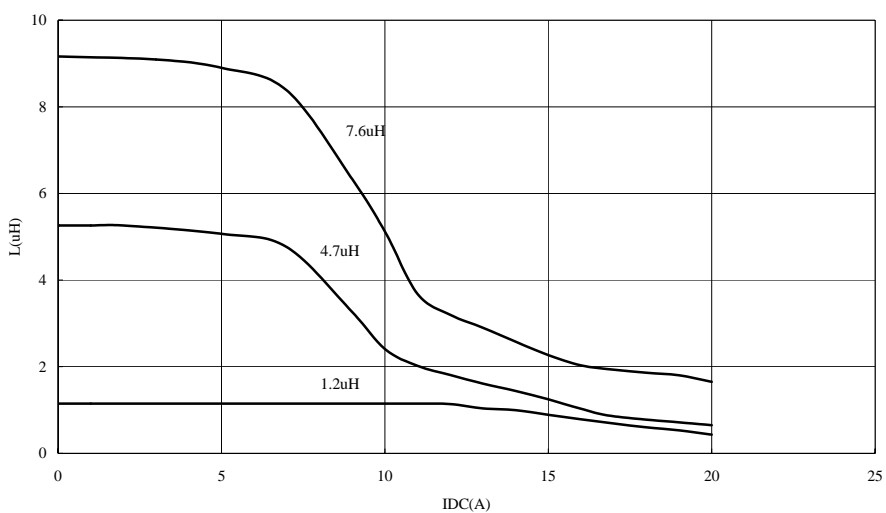


测试仪器：HP4291A 阻抗分析仪

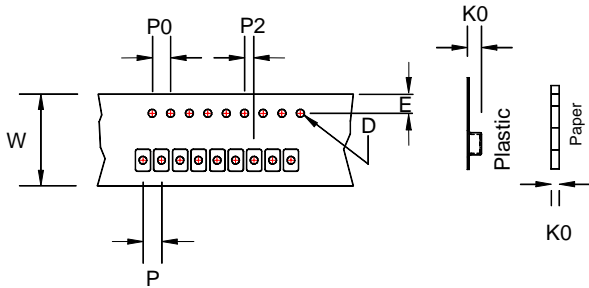
INDUCTANCE vs. FREQUENCY CHARACTERISTICS



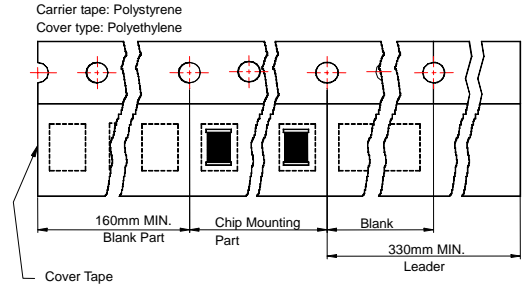
INDUCTANCE vs. IDC CHARACTERISTICS



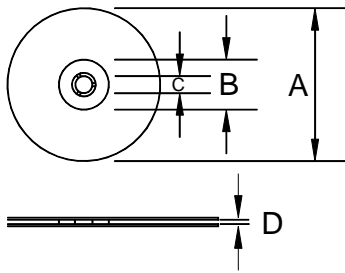
卷装尺寸



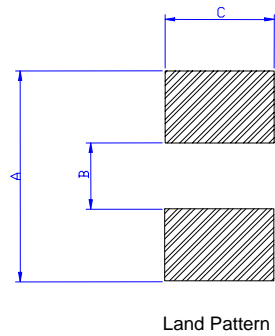
卷装材料



盘装尺寸



推荐模式



尺寸: (mm)

类型	卷装尺寸							推荐模式			盘装尺寸				数量
	K0	D	E	W	P	P0	P2	A	B	C	A	B	C	D	PCS / REEL
PSCDS62B	3.4	1.55	1.75	16	12	4	2	8.1	4	2.5	330	100	13	17.4	1500
PSCDS64B	4.9	1.55	1.75	16	12	4	2	8.1	4	2.5	330	100	13	17.4	1000
PSCDS73T	3.6	1.55	1.75	16	12	4	2	8.8	4	2.8	330	100	13	17.4	1600
PSCDS74T	5	1.55	1.75	16	12	4	2	8.8	4	2.8	330	100	13	17.4	1000
PSCDS124T	5.7	1.55	1.75	24	16	4	2	13.3	6	6	330	100	13	24.4	600
PSCDS125T	6.7	1.55	1.75	24	16	4	2	13.3	6	6	330	100	13	24.4	600
PSCDS127T	8.7	1.55	1.75	24	16	4	2	13.5	6	6	330	100	13	24.4	500