

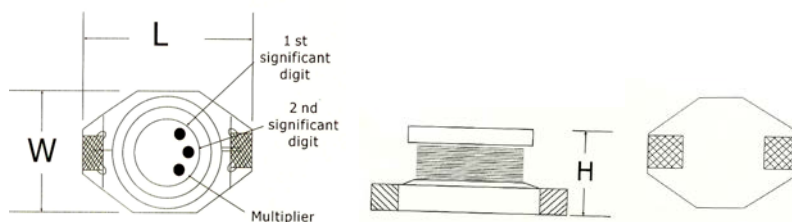


SMD POWER INDUCTORS

DDO 系列表贴功率电感

SMD Power Inductors DDO Series

◇ 外观尺寸 / SHAPE AND DIMENSIONS



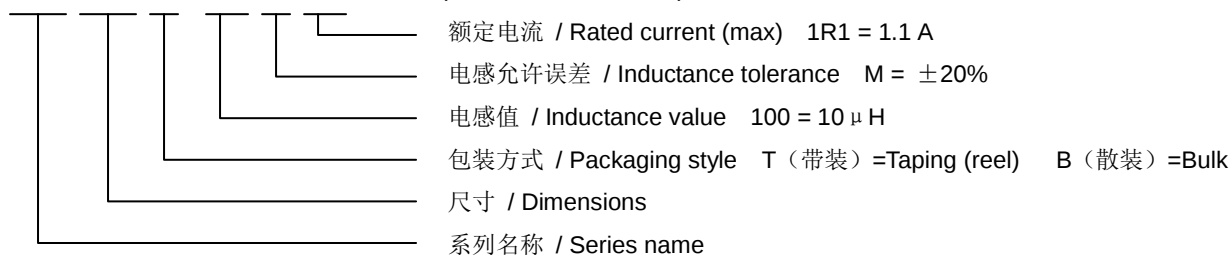
型号 Type	尺寸 / Dimensions (mm)			数量 / 卷 Amount / reel (Pcs)
	长 L (Max)	宽 W (Max)	高 H (Max)	
DDO1608 –	6.60	4.45	2.92	2500
DDO3308 –	12.95	9.40	3.00	1000
DDO3316 –	12.95	9.40	5.21	1000
DDO3340 –	12.95	9.40	11.43	225
DDO5022 –	18.54	15.24	7.11	250

◇ 应用 / USES

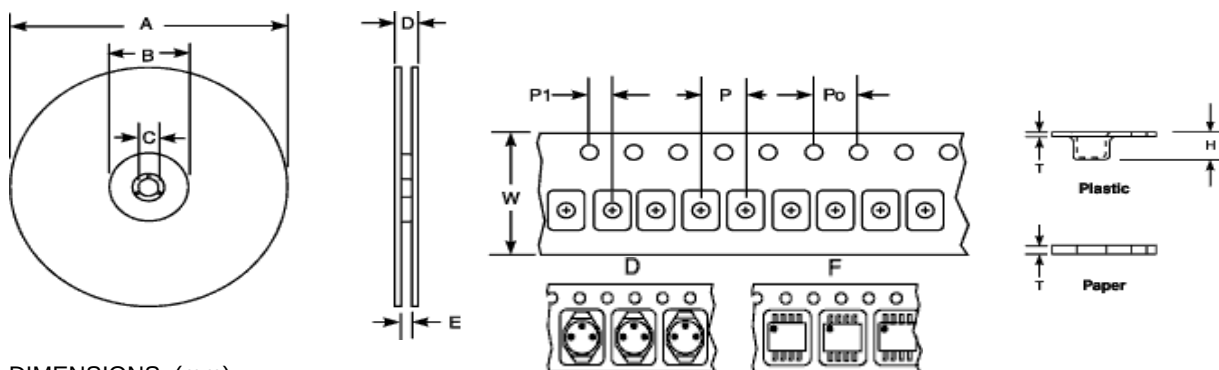
- * 个人数字助理 / PDA
- * 远程通信设备 / Telecommunication equipment
- * 宽频网络 / ADSL
- * DC-DC 转换 / DC-DC
- * 显卡 / VGA Card
- * 闪存存储器 / Flash memory
- * 笔记本电脑 conversion in notebook computers
- * 其它电子设备 / Other electronic equipment

◇ 产品标识 / PRODUCT IDENTIFICATION

DDO 1608 T – 100 M 1R1 – LF (无铅 / lead-free)



◇ 带装规格 TAPE & REEL SPECIFICATIONS



DIMENSIONS: (mm)

Part No.	A	B	C	D	E	W	P	P0	P1	H	T
DDO1608 –	330	100	13	18.4	12.4	12	8	4	2	3.0	0.25
DDO3308 –	330	100	13	30.4	24.4	24	12	4	2	3.7	0.34
DDO3316 –	330	100	13	30.4	24.4	24	12	4	2	5.1	0.30
DDO3340 –	330	100	13	30.4	24.4	24	12	4	2	11.4	0.30
DDO5022 –	330	100	13	38.4	32.4	32	24	4	2	7.4	0.30



DDO 系列表贴功率电感

SMD Power Inductors DDO Series

◇ 电气特性 / ELECTRICAL CHARACTERISTICS

品 名 Parts No.	电 感 值 Inductance (μ H)	DDO1608 –			DDO3308 –			DDO3316 –			DDO3340 –			DDO5022 –		
		Current (Max) (A)	D.C.R (Max) (Ohms)		Current (Max) (A)	D.C.R (Max) (Ohms)		Current (Max) (A)	D.C.R (Max) (Ohms)		Current (Max) (A)	D.C.R (Max) (Ohms)		Current (Max) (A)	D.C.R (Max) (Ohms)	
		Isat	Irms		Isat	Irms		Isat	Irms		Isat	Irms		Isat	Irms	
1R0 –	1.0	2.9	2.9	0.05	-	-	-	9.0	6.8	0.009	-	-	-	20	8.6	0.009
1R5 –	1.5	2.6	2.8	0.05	-	-	-	8.0	6.4	0.010	-	-	-	18	7.8	0.011
2R2 –	2.2	2.3	2.4	0.07	-	-	-	7.0	6.1	0.012	-	-	-	16	7.1	0.014
3R3 –	3.3	2.0	2.0	0.08	-	-	-	6.4	5.4	0.015	-	-	-	14	6.2	0.018
4R7 –	4.7	1.5	1.5	0.09	-	-	-	5.4	4.8	0.018	-	-	-	13	5.7	0.019
6R8 –	6.8	1.2	1.4	0.13	-	-	-	4.6	4.4	0.027	-	-	-	12	5.9	0.022
100 –	10	1.1	1.1	0.16	2.4	2.0	0.11	3.8	3.9	0.038	8.0	3.5	0.040	10	4.3	0.031
150 –	15	0.9	1.2	0.23	2.0	1.5	0.15	3.0	3.1	0.046	7.0	3.0	0.050	8.0	4.0	0.036
220 –	22	0.7	0.8	0.37	1.6	1.3	0.23	2.6	2.7	0.085	5.5	2.5	0.066	7.0	3.5	0.047
330 –	33	0.58	0.6	0.51	1.4	1.1	0.30	2.0	2.1	0.100	4.0	2.0	0.080	5.5	3.0	0.066
470 –	47	0.5	0.5	0.64	1.0	0.8	0.39	1.6	1.8	0.14	3.8	1.6	0.110	4.5	2.6	0.086
680 –	68	0.4	0.4	0.86	0.9	0.7	0.66	1.4	1.5	0.20	3.0	1.2	0.170	3.5	2.3	0.13
101 –	100	0.31	0.3	1.27	0.7	0.6	0.84	1.2	1.3	0.28	2.5	1.2	0.220	3.0	1.8	0.19
151 –	150	0.27	0.25	2.00	0.6	0.5	1.20	1.0	1.0	0.40	2.0	0.9	0.340	2.6	1.5	0.25
221 –	220	0.22	0.2	3.11	0.5	0.4	1.90	0.8	0.8	0.61	1.6	0.7	0.440	2.4	1.2	0.38
331 –	330	0.18	0.16	3.80	0.4	0.3	2.7	0.6	0.6	1.02	1.2	0.6	0.70	1.9	1.0	0.56
471 –	470	0.16	0.15	5.06	0.3	0.2	4.0	0.5	0.5	1.27	1.0	0.3	0.95	1.4	0.82	0.85
681 –	680	0.14	0.12	9.20	0.2	0.1	5.3	0.4	0.4	2.02	1.0	0.2	1.20	1.2	0.72	1.10
102 –	1000	0.10	0.07	13.8	0.1	0.05	8.4	0.3	0.3	3.00	0.8	0.1	2.00	1.0	0.56	1.80

* 电感测试仪器 / Test equipment inductance : Zentech 3250 meter, or equivalent (Test frequency: 100KHz/0.1V).

* 直流阻抗测试仪器 / Test equipment RDC : Zentech 301 meter, or equivalent.

* 额定电流 / Rated current : Value obtained when current flows and the temperature has risen to 20℃ or when DC current flows and the initial value of inductance has fallen by 10%, whichever is smaller.

* 超出以上规格的特殊要求也可满足 / Special inquiries besides the above common used types can be met on your requirement.



DDO 系列表贴功率电感

SMD Power Inductors DDO Series

◇ 回流焊接施工方法 / RECOMMENDED SOLDERING CONDITIONS REFLOW SOLDERING

