

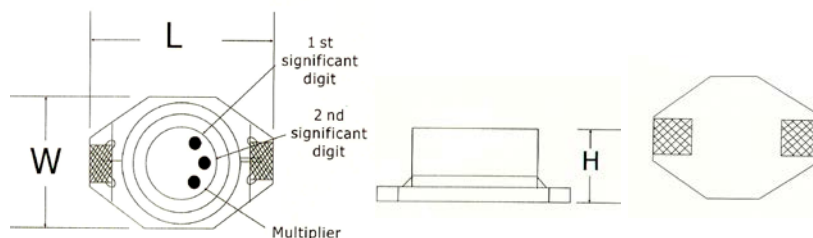
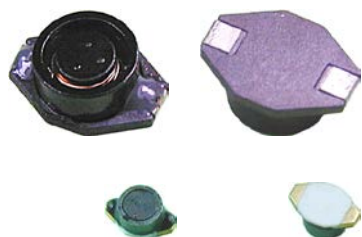


SMD POWER INDUCTORS

DDS 系列表贴功率电感

SMD Power Inductors DDS 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)	
DDS1608 –	6.60	4.45	2.92	2500
DDS3316 –	12.95	9.40	5.08	1000
DDS5022 –	18.54	15.24	7.62	250

◇ 应用 / USES

* 液晶显示器 / LCD display

* 显卡 / VGA Card

* 宽频网络 / ADSL

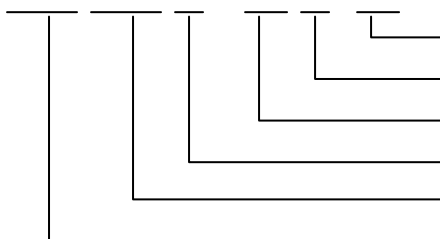
* DC-DC 变换器 / DC-DC converter

* 远程通信设备 / Telecommunication Equipment

* 其它电子设备 / Other electronic equipment

◇ 产品标识 / PRODUCT IDENTIFICATION

DDS 1608 T – 100 M 1R0 – LF (无铅 / lead-free)



额定电流 / Rated current (max) 1R0 = 1.0 A

电感允许误差 / Inductance tolerance M = $\pm 20\%$

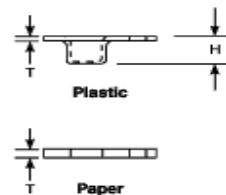
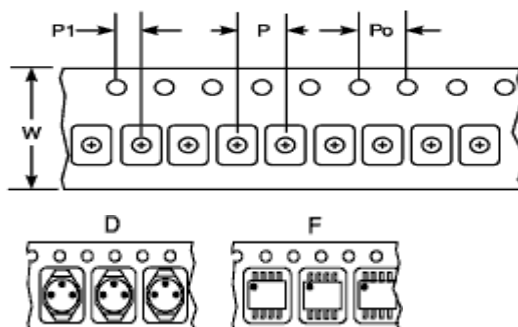
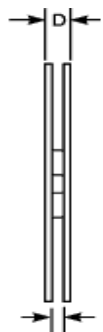
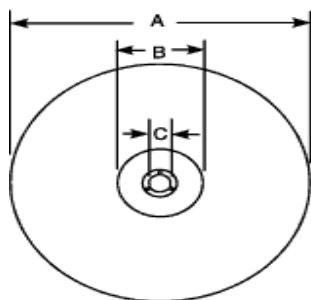
电感值 / Inductance value 100 = $10 \mu H$

包装方式 / Packaging style T (带装) = Taping (reel) B (散装) = Bulk

尺寸 / Dimensions

系列名称 / Series name

◇ 带装规格 / TAPE & REEL SPECIFICATIONS



DIMENSIONS: (mm)

Part No.	A	B	C	D	E	W	P	P0	P1	H	T
DDS1608 –	330	100	13	18.4	12.4	12	8	4	2	3.0	0.25
DDS3316 –	330	100	13	30.4	24.4	24	12	4	2	5.1	0.30
DDS5022 –	330	100	13	38.4	32.4	32	24	4	2	7.4	0.30



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◇ 电气特性 / ELECTRICAL CHARACTERISTICS

品 名 Parts No.	电 感 值 Inductance (μ H)	DDS1608 –		DDS3316 –			DDS5022 –		
		额定电流 Current (Max) (A)	直流阻抗 D.C.R (Max) (Ohms)	额定电流 Current (Max) (A)	直流阻抗 D.C.R (Max) (Ohms)		额定电流 Current (Max) (A)	直流阻抗 D.C.R (Max) (Ohms)	
				I ¹	I ²		I ¹	I ²	
1R0 –	1.0	3.00	0.040	5.6	5.0	0.021	-	-	-
1R5 –	1.5	2.80	0.045	5.2	4.5	0.022	-	-	-
2R2 –	2.2	1.80	0.050	5.0	3.8	0.032	-	-	-
3R3 –	3.3	1.60	0.055	3.9	3.3	0.039	-	-	-
4R7 –	4.7	1.40	0.060	3.2	2.7	0.054	-	-	-
6R8 –	6.8	1.20	0.065	2.8	2.2	0.075	-	-	-
100 –	10	1.00	0.075	2.4	2.0	0.101	8.0	3.9	0.040
150 –	15	0.80	0.090	2.0	1.5	0.150	7.0	3.4	0.048
220 –	22	0.70	0.110	1.6	1.3	0.207	6.0	3.1	0.059
330 –	33	0.60	0.190	1.4	1.1	0.334	5.0	2.8	0.075
470 –	47	0.50	0.230	1.0	0.8	0.472	4.0	2.4	0.097
680 –	68	0.40	0.290	-	-	-	3.0	2.0	0.138
101 –	100	0.30	0.480	-	-	-	2.4	1.7	0.207
151 –	150	0.26	0.590	-	-	-	2.1	1.3	0.293
221 –	220	0.22	0.770	-	-	-	1.9	1.1	0.470
331 –	330	0.20	1.400	-	-	-	1.1	0.86	0.78
471 –	470	0.19	1.800	-	-	-	1.1	0.73	1.08
681 –	680	0.18	2.200	-	-	-	0.96	0.64	1.40
102 –	1000	0.15	3.400	-	-	-	0.80	0.53	2.01
152 –	1500	0.12	4.200	-	-	-	-	-	-
222 –	2200	0.10	8.500	-	-	-	-	-	-
332 –	3300	0.08	11.00	-	-	-	-	-	-
472 –	4700	0.06	13.90	-	-	-	-	-	-
682 –	6800	0.04	25.00	-	-	-	-	-	-
103 –	10000	0.02	32.80	-	-	-	-	-	-

* 电感测试仪器 / Test equipment inductance: Zentech 1075 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.



DDS 系列表贴功率电感

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

