

MYKIA

1.特性(FEATURES):

·低阻抗、高电流.

Low DC resistance large current.

2.适用产品(APPLICATIONS):

·录影机、液晶电视、移动电脑、通信设备

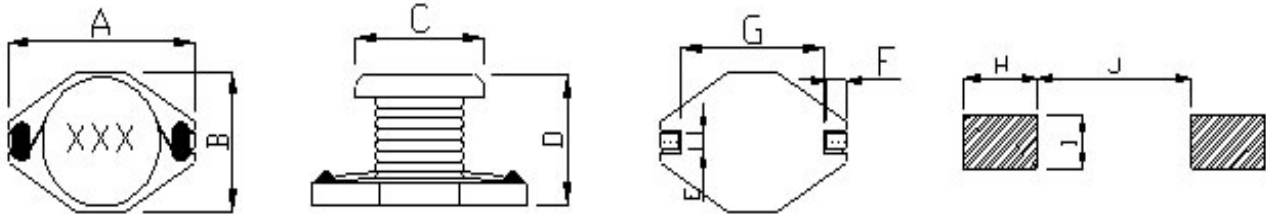
VTR, LCD TV, Mobile computers, Communication equipments.



3.电感量代码: 220=22*10⁰=22uH 221=22*10¹ 10¹=220uH 1R8=1.8uH

公差: G:±2% J: ±5% K: ±10% L: ±15% M: ±20% P: ±25% N: ±30%

5.外形尺寸(SHAPE AND DIMENSIONS):



Unit: mm

电感范围 (L Range)(uH)	A	B	C	D	E	F	G	H	I	J
4.7~820.0	12.95 max	9.40 max	8.38 max	5.21 max	2.45	2.45	7.62	7.37	2.92	12.95

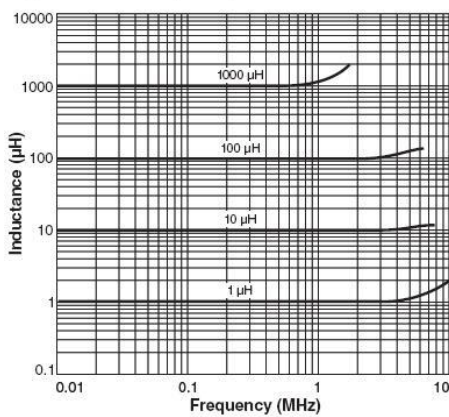
1. 特性可根据根据具体要求设计(Features Desingn a Customer's Specifications).
2. 正常使用温度: -40℃ ~+80℃ (Operating Temperature: -40℃ ~+80℃).
3. 工作频率: 最大 1MHz (Operating Frequency: Max 1MHz).
4. 加电流时电感下跌 10% (Inductance Drop 10%.at IDC).
5. 电气特性测试环境: 20℃ (Electrical Specifications at 20℃).

MYKIA

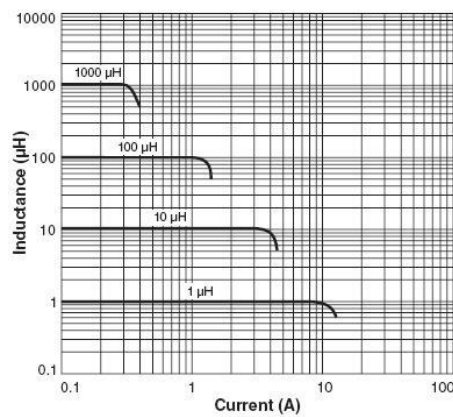
Part number ¹ <i>Click for samples</i>	Inductance ² (μ H)	Percent tolerance ³	DCR max (Ohms)	SRF typ ⁴ (MHz)	Isat ⁵ (A)	Irms ⁶ (A)
DO3316C-1R0M	1.0	20	0.009	100	9.0	6.8
DO3316C-1R5M	1.5	20	0.010	90	8.0	6.4
DO3316C-2R2M	2.2	20	0.012	80	7.0	6.1
DO3316C-3R3M	3.3	20	0.015	65	6.4	5.4
DO3316C-4R7M	4.7	20	0.018	45	5.4	4.8
DO3316C-6R8M	6.8	20	0.027	38	4.6	4.4
DO3316C-100M	10	20	0.038	30	3.8	3.9
DO3316C-150M	15	20	0.046	27	3.0	3.1
DO3316C-220M	22	20	0.085	19	2.3	2.7
DO3316C-330M	33	20	0.10	15	2.0	2.1
DO3316C-470M	47	20	0.14	12	1.6	1.8
DO3316C-680M	68	20	0.20	10	1.4	1.5
DO3316C-101M	100	20	0.28	9.0	1.2	1.3
DO3316C-151M	150	20	0.40	6.0	1.0	1.0
DO3316C-221M	220	20	0.61	5.0	0.80	0.80
DO3316C-331M	330	20	1.02	4.5	0.60	0.60
DO3316C-471M	470	20	1.27	3.5	0.50	0.50
DO3316C-681M	680	20	2.02	2.5	0.40	0.40
DO3316C-102M	1000	20	3.00	2.0	0.30	0.30
DO3316C-152M	1500	20	4.49	1.7	0.29	0.27
DO3316C-332M	3300	20	8.97	1.1	0.19	0.17

SMT Power Inductors – DO3316C Series

Typical L vs Frequency



Typical L vs Current



Current Derating

