

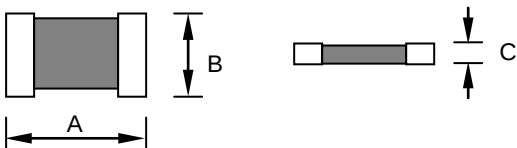


SMD CHIP INDUCTORS

DCFI 系列贴片铁氧体电感 Chip Ferrite Inductors DCFI Series



◇ 外观尺寸 / SHAPE AND DIMENSIONS



型 号 Type	尺寸 / Dimensions (mm)			数量 / 卷 Amount / reel (Pcs)
	A	B	C	
DCFI1005 (0402) –	1.0 ± 0.15	0.5 ± 0.15	0.50 ± 0.15	10000
DCFI1608 (0603) –	1.6 ± 0.15	0.8 ± 0.15	0.80 ± 0.15	4000
DCFI2012 (0805) –	2.0 ± 0.20	1.25 ± 0.20	0.85 ± 0.20	4000
DCFI3216 (1206) –	3.2 ± 0.20	1.60 ± 0.20	1.10 ± 0.30	3000

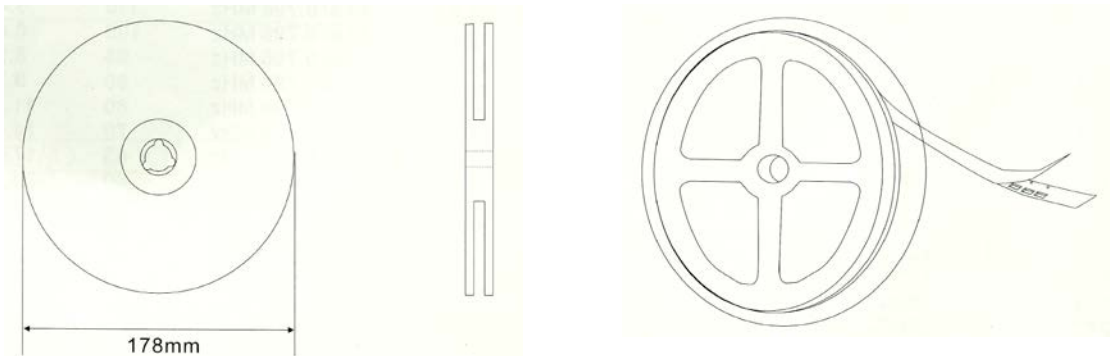
◇ 应用 / USES

- * 广泛用于抑制各类电子设备中的电磁干扰
Prevention of electromagnetic interference to signals on the secondary side of electronic equipment.

◇ 产品标识 / PRODUCT IDENTIFICATION



◇ 带装 / TAPE & REEL





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◇ 电气特性 / ELECTRICAL CHARACTERISTICS

品 名 Parts No.	电 感 值 Inductance (μ H)	DCFI1005T –				DCFI1608T –				DCFI2012T –				DCFI3216T –			
		Q	Test	Cur.	DCR	Q	Test	Cur.	DCR	Q	Test	Cur.	DCR	Q	Test	Cur.	DCR
		(Min)	Freq. (MHz)	(Max) (mA)	(Max) (Ω)	(Min)	Freq. (MHz)	(Max) (mA)	(Max) (Ω)	(Min)	Freq. (MHz)	(Max) (mA)	(Max) (Ω)	(Min)	Freq. (MHz)	(Max) (mA)	(Max) (Ω)
47n –	0.047	10	50	25	0.45	10	50	50	0.30	15	50	300	0.11	20	50	300	0.08
68n –	0.068	10	50	25	0.45	10	50	50	0.30	15	50	300	0.11	20	50	300	0.13
82n –	0.082	10	50	25	0.45	10	50	50	0.30	15	50	300	0.11	20	50	250	0.13
R10 –	0.10	15	25	25	0.80	15	25	50	0.50	20	25	250	0.16	20	25	250	0.18
R12 –	0.12	15	25	25	0.80	15	25	50	0.50	20	25	250	0.16	20	25	250	0.18
R15 –	0.15	15	25	25	0.90	15	25	50	0.60	20	25	250	0.21	20	25	250	0.23
R18 –	0.18	15	25	25	0.90	15	25	50	0.60	20	25	250	0.21	20	25	250	0.23
R22 –	0.22	15	25	25	1.20	15	25	50	0.80	20	25	250	0.26	20	25	250	0.28
R27 –	0.27	15	25	25	1.20	15	25	50	0.80	20	25	250	0.26	20	25	250	0.28
R33 –	0.33	15	25	18	1.25	15	25	35	0.85	20	25	250	0.31	20	25	250	0.28
R39 –	0.39	15	25	18	1.50	15	25	35	1.00	25	25	200	0.36	25	25	200	0.34
R47 –	0.47	15	25	18	2.00	15	25	35	1.35	25	25	200	0.36	25	25	200	0.28
R56 –	0.56	15	25	18	2.35	15	25	35	1.55	25	25	150	0.41	25	25	150	0.34
R68 –	0.68	15	25	18	2.55	15	25	35	1.70	25	25	150	0.46	25	25	150	0.39
R82 –	0.82	15	25	18	3.15	15	25	35	2.10	25	25	150	0.56	25	25	150	0.44
1R0 –	1.0	20	10	15	0.90	35	10	25	0.60	45	10	50	0.21	45	10	100	0.39
1R2 –	1.2	20	10	15	1.20	35	10	25	0.80	45	10	50	0.26	45	10	100	0.44
1R5 –	1.5	20	10	15	1.20	35	10	25	0.80	45	10	50	0.26	45	10	50	0.50
1R8 –	1.8	20	10	15	1.45	35	10	25	0.95	45	10	50	0.31	45	10	50	0.23
2R2 –	2.2	20	10	10	1.75	35	10	15	1.15	45	10	30	0.36	45	10	50	0.28
2R7 –	2.7	20	10	10	2.00	35	10	15	1.35	45	10	30	0.41	45	10	50	0.28
3R3 –	3.3	20	10	10	2.35	35	10	15	1.55	45	10	30	0.46	45	10	50	0.28
3R9 –	3.9	20	10	10	2.55	35	10	15	1.70	45	10	30	0.51	45	10	50	0.34
4R7 –	4.7	20	10	10	3.15	35	10	15	2.10	45	10	30	0.56	45	10	50	0.34
5R6 –	5.6	20	4	3	2.35	35	4	5	1.55	50	4	15	0.51	50	4	25	0.39
6R8 –	6.8	20	4	3	2.55	35	4	5	1.70	50	4	15	0.56	50	4	25	0.44
8R2 –	8.2	20	4	3	3.15	35	4	5	2.10	50	4	15	0.61	50	4	25	0.50
100 –	10	20	2	2	3.45	30	2	3	1.85	50	2	15	0.66	50	2	25	0.55
120 –	12	-	-	-	-	30	2	3	2.10	50	2	15	0.71	50	2	15	0.60
150 –	15	-	-	-	-	20	1	1	1.70	30	1	5	0.46	35	1	5	0.39
180 –	18	-	-	-	-	20	1	1	1.85	30	1	5	0.51	35	1	5	0.39
220 –	22	-	-	-	-	20	1	1	2.10	30	1	5	0.61	35	1	5	0.50
270 –	27	-	-	-	-	20	1	1	2.75	30	1	5	0.66	35	1	5	0.50
330 –	33	-	-	-	-	20	1	1	2.95	30	1	5	0.71	35	1	5	0.60

* 电感测试仪器 / Test equipment inductance: HP4286A

* 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.



DCFI 系列表贴功率电感

SMD Power Inductors DCFI Series

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

