

Wire Wound Chip Inductors

WIRE WOUND CHIP INDUCTORS PRODUCT CATALOG



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Wire Wound Chip Inductor

◎ Product introduction 產品介紹

- High resistance to heat and humidity
此款產品具有非常高的耐熱性和耐濕性
- Resistance to mechanical shocks and pressure
具有非常強的抗衝擊與抗壓力。
- Accurate dimensions for automatically surface mounted
尺寸精確適合表面自動貼裝
- For RoHS instructions corresponding products
為RoHS指令對應產品



◎ Product application 產品應用

- Computer products
電腦產品
- Communication products
通訊產品

◎ Product Identification 產品標識

M 1008 6R8 K T

M-----Series name 系列名稱

1008-----Dimension 產品尺寸

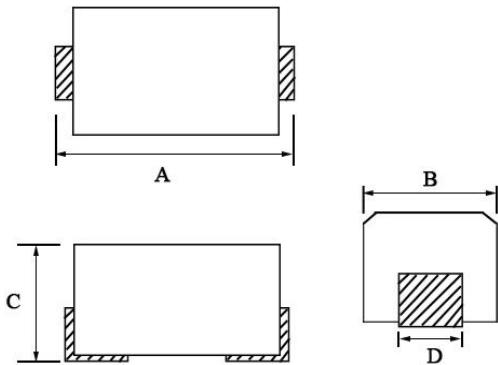
6R8-----Inductance 電感值【6R8=6.8 μ H】

K-----Tolerance 公差【J=5%, K=10%, M= 20%, T= 30%】

T-----Taping 編帶盤裝

Wire Wound Chip Inductor

◎Shape&Dimensions 形狀與尺寸:

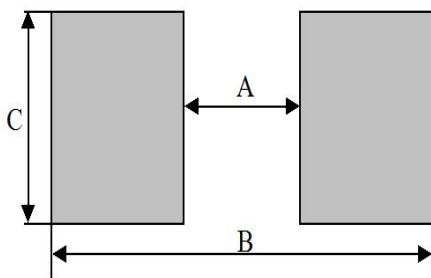


UNIT: mm

PART NUMBER	A	B	C	D	CHIPS REEL
1008	2.5±0.2	2.0±0.2	1.8±0.2	1.5±0.2	3K
1210	3.7 MAX	3.0 MAX	2.7 MAX	1.2±0.3	2K
1812	5.0 MAX	3.7 MAX	3.7 MAX	1.4±0.30	1K

◎Recommender Land Pattern 推薦焊盤布局:

UNIT: mm



PART NUMBER	A	B	C
1008	1.4	3.5	2.8
1210	1.5	4.4	3.4
1812	1.5	5.9	4.2

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詳細規格及參數介紹

ORDERING CORE	Inductance	Inductance	L、Q Test Frequencyz (MHz)	Q	SRF(MHz)	RDC (MAX)	Rated Current Max(A)
	(μ H)	Tolerance		(Min)	MIN	(Ω)	
M1008-R10	0.10	K / M	7.96	25	500	0.60	0.25
M1008-R15	0.15	K / M	7.96	25	500	0.40	0.25
M1008-1R5	1.5	K / M	7.96	25	108	1.56	0.18
M1008-2R2	2.2	K / M	7.96	25	60	1.86	0.16
M1008-3R3	3.3	K / M	7.96	25	38	2.28	0.15
M1008-4R7	4.7	K / M	7.96	25	32	2.26	0.14
M1008-5R6	5.6	K / M	7.96	20	29	3.00	0.14
M1008-6R8	6.8	K / M	7.96	20	26	3.24	0.13
M1008-100	10.0	K / M	2.52	20	20	5.00	0.10
M1008-101	100.0	K / M	0.796	15	10	20.00	0.04

Tolerance :J=5% , K=10% , M= 20% ,T= 30%

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ORDERING CORE	Inductance (μ H)	Inductance Tolerance	L、Q Test Frequencyz (MHz)	Q (Min)	SRF(MHz) MIN	RDC (MAX) (Ω)	Rated Current Max(A)
M1210-R10	0.10	K / M	100	28	700	0.44	0.45
M1210-R12	0.12	K / M	25.2	30	500	0.22	0.45
M1210-R15	0.15	K / M	25.2	30	450	0.25	0.45
M1210-R18	0.18	K / M	25.2	30	400	0.28	0.45
M1210-R22	0.22	K / M	25.2	30	350	0.32	0.45
M1210-R27	0.27	K / M	25.2	30	320	0.36	0.45
M1210-R33	0.33	K / M	25.2	30	300	0.40	0.45
M1210-R39	0.39	K / M	25.2	30	250	0.45	0.45
M1210-R47	0.47	K / M	25.2	30	220	0.50	0.45
M1210-R56	0.56	K / M	25.2	30	180	0.55	0.45
M1210-R68	0.68	K / M	25.2	30	160	0.60	0.45
M1210-R82	0.82	K / M	25.2	30	140	0.65	0.45
M1210-1R0	1.00	K / M	7.96	30	120	0.70	0.40
M1210-1R2	1.20	K / M	7.96	30	100	0.75	0.39
M1210-1R5	1.50	K / M	7.96	30	85	0.85	0.37
M1210-1R8	1.80	K / M	7.96	30	80	0.90	0.35
M1210-2R2	2.20	K / M	7.96	30	65	1.00	0.32
M1210-2R7	2.70	K / M	7.96	30	65	1.10	0.29
M1210-3R3	3.30	K / M	7.96	30	50	1.20	0.26
M1210-3R9	3.90	K / M	7.96	30	45	1.30	0.25
M1210-4R7	4.70	K / M	7.96	30	45	1.50	0.22
M1210-5R6	5.60	K / M	7.96	30	40	1.60	0.20
M1210-6R8	6.80	K / M	7.96	30	40	1.80	0.18
M1210-8R2	8.20	K / M	7.96	30	35	2.00	0.17
M1210-100	10.00	K / M	2.52	30	30	2.10	0.15
M1210-120	12.00	K / M	2.52	30	20	2.50	0.14
M1210-150	15.00	K / M	2.52	30	20	2.80	0.13
M1210-180	18.00	K / M	2.52	30	20	3.30	0.12
M1210-220	22.00	K / M	2.52	30	20	3.70	0.11
M1210-270	27.00	K / M	2.52	30	20	5.00	0.08

Tolerance :J=5% , K=10% , M= 20% ,T= 30%

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ORDERING CORE	Inductance (μ H)	Inductance Tolerance	L、Q Test Frequencyz (MHz)	Q (Min)	SRF(MHz) MIN	RDC (MAX) (Ω)	Rated Current Max(A)
M1210-330	33	K / M	2.52	30	17	5.6	0.070
M1210-390	39	K / M	2.52	30	16	6.4	0.065
M1210-470	47	K / M	2.52	30	15	7.0	0.060
M1210-560	56	K / M	2.52	30	13	8.0	0.055
M1210-680	68	K / M	2.52	30	12	9.0	0.050
M1210-820	82	K / M	2.52	30	10	10.0	0.045
M1210-101	100	K / M	0.796	20	9	10.0	0.040
M1210-121	120	K / M	0.796	20	9	13.0	0.070
M1210-151	150	K / M	0.796	20	8	15.0	0.065
M1210-181	180	K / M	0.796	20	7	17.0	0.060
M1210-221	220	K / M	0.796	20	7	21.0	0.050
M1210-271	270	K / M	0.796	20	6	28.0	0.045
M1210-331	330	K / M	0.796	20	5	34.0	0.040

Tolerance :J=5% , K=10% , M= 20% ,T= 30%

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ORDERING CORE	Inductance	Inductance	L、Q Test Frequencyz (MHz)	Q	SRF(MHz)	RDC (MAX)	Rated Current Max(A)
	(μ H)	Tolerance		(Min)	MIN	(Ω)	
M1812-1R0	1.00	K / M	7.96	50	100	0.50	0.45
M1812-1R2	1.20	K / M	7.96	50	80	0.55	0.43
M1812-1R5	1.50	K / M	7.96	50	70	0.60	0.41
M1812-1R8	1.80	K / M	7.96	50	60	0.65	0.39
M1812-2R2	2.20	K / M	7.96	50	55	0.70	0.38
M1812-2R7	2.70	K / M	7.96	50	50	0.75	0.37
M1812-3R3	3.30	K / M	7.96	50	45	0.80	0.36
M1812-3R9	3.90	K / M	7.96	50	40	0.90	0.33
M1812-4R7	4.70	K / M	7.96	50	35	1.00	0.32
M1812-5R6	5.60	K / M	7.96	50	33	1.10	0.30
M1812-6R8	6.80	K / M	7.96	50	27	1.20	0.29
M1812-8R2	8.20	K / M	7.96	50	25	1.40	0.27
M1812-100	10.00	K / M	2.52	50	20	1.60	0.25
M1812-120	12.00	K / M	2.52	50	18	2.00	0.23
M1812-150	15.00	K / M	2.52	50	17	2.50	0.20
M1812-180	18.00	K / M	2.52	50	15	2.80	0.19
M1812-220	22.00	K / M	2.52	50	13	3.20	0.18
M1812-270	27.00	K / M	2.52	50	12	3.60	0.17
M1812-330	33	K / M	2.52	50	11	4.0	0.16
M1812-390	39	K / M	2.52	50	10	4.5	0.15
M1812-470	47	K / M	2.52	50	10	5.0	0.14
M1812-560	56	K / M	2.52	50	9	5.5	0.14
M1812-680	68	K / M	2.52	50	9	6.0	0.13
M1812-820	82	K / M	2.52	50	8	7.0	0.12
M1812-101	100	K / M	0.796	40	8	8.0	0.11
M1812-121	120	K / M	0.796	40	6	8.0	0.11
M1812-151	150	K / M	0.796	40	5	9.0	0.11
M1812-181	180	K / M	0.796	40	5	9.5	0.10
M1812-221	220	K / M	0.796	40	4	10.0	0.10
M1812-271	270	K / M	0.796	40	4	12.0	0.09
M1812-331	330	K / M	0.796	40	4	14.0	0.09
M1812-391	390	K / M	0.796	40	3	16.0	0.08
M1812-471	470	K / M	0.796	40	3	26.0	0.06
M1812-561	560	K / M	0.796	30	3	30.0	0.05
M1812-681	680	K / M	0.796	30	3	30.0	0.05
M1812-821	820	K / M	0.796	30	2.5	35.0	0.03
M1812-102	1000	K / M	0.796	20	2.5	40.0	0.03

Tolerance :J=5% , K=10% , M= 20% ,T= 30%