

CHIP FERRITE INDUCTORS 片式铁氧体电感

CMI 系列

FEATURES

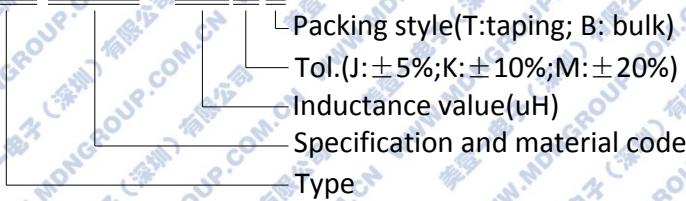
- Monolithic inorganic material construction.
- Closed magnetic circuit avoids crosstalk.
- Excellent solderability and high heat resistance.
- Can be mounted with surface mounting equipment.

APPLICATIONS

- Suitable for VTR, LCD display, Note book, communication equipment, OA equipments, Mother board, MP3, MP4, PDA, Digital photo frame, DC, Portable media player, etc.

ORDERING CODE

CMI 1005T - 100 K T



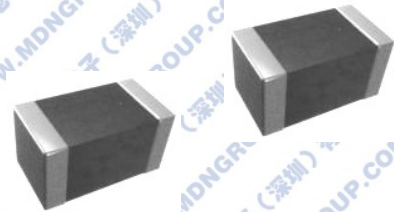
特 征

- 独石无机材料结构;
- 封闭磁路避免干扰;
- 具有优良的焊接性能及耐高温性能;
- 适合表面贴装。

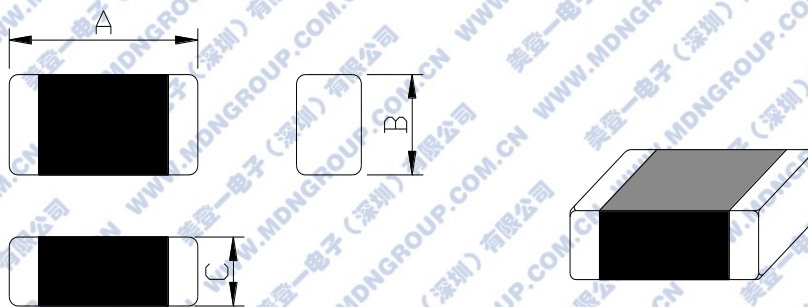
用 途

- 适用于录像机、液晶显示器、笔记本电脑、通讯设备、电脑主机板、声卡、显卡、办公自动化设备、MP3、MP4、PDA、数码相框、数码相机，便携式多媒体播放器。

SHAPE



DIMENSIONS AND LAND PATTERNS(mm)



TYPE	A	B	C	D
CMI1005	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.1
CMI1608	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.15
CMI2012	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3
			1.25±0.2	
CMI3216	3.2±0.2	1.6±0.2	0.85±0.2	0.5±0.3
			1.1±0.2	

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PART NO.	L uH	Q(min)	TEST FREQ. MHz	SRF(min) MHz	DCR(max) Ω	Idc(max) mA
CMI1005L-47N□	0.047	10	50	220	0.45	25
CMI1005L-68N□	0.068	10	50	210	0.45	25
CMI1005L-82N□	0.082	10	50	200	0.45	25
CMI1005L-R10□	0.1	10	25	185	0.8	25
CMI1005L-R12□	0.12	10	25	165	0.8	25
CMI1005L-R15□	0.15	10	25	140	0.9	25
CMI1005L-R18□	0.18	10	25	120	0.9	25
CMI1005L-R22□	0.22	10	25	110	1.2	25
CMI1005L-R27□	0.27	15	25	95	1.2	18
CMI1005L-R33□	0.33	15	25	85	1.25	15
CMI1005Q-R39□	0.39	20	25	85	0.6	15
CMI1005Q-R47□	0.47	20	25	80	0.7	15
CMI1005Q-R56□	0.56	20	25	75	0.8	15
CMI1005Q-R68□	0.68	20	25	70	0.9	15
CMI1005Q-R82□	0.82	20	25	65	0.9	15
CMI1005P-1R0□	1.0	20	10	60	1	15
CMI1005P-1R2□	1.2	20	10	55	1.25	15
CMI1005P-1R5□	1.5	20	10	50	1.4	15
CMI1005P-1R8□	1.8	20	10	45	1.55	15
CMI1005P-2R2□	2.2	20	10	40	1.7	10
CMI1005Q-1R0□	1.0	20	10	40	0.9	15
CMI1005Q-1R2□	1.2	20	10	35	1.2	15
CMI1005Q-1R5□	1.5	20	10	30	1.2	15
CMI1005Q-1R8□	1.8	20	10	30	1.45	15
CMI1005Q-2R2□	2.2	20	10	28	1.7	10
CMI1005Q-2R7□	2.7	20	10	22	2	10
CMI1005Q-3R3□	3.3	20	10	20	2.35	10
CMI1005T-3R9□	3.9	20	1	18	1.6	3
CMI1005T-4R7□	4.7	20	1	15	1.8	3
CMI1005T-5R6□	5.6	20	1	13	2	2
CMI1005T-6R8□	6.8	20	1	11	2.35	2
CMI1005T-8R2□	8.2	20	1	10	2.55	2
CMI1005T-10□	10	20	1	9	3.15	2

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PART NO.	L uH	Q(min)	TEST FREQ. MHz	SRF(min) MHz	DCR(max) Ω	Idc(max) mA
CMI1608L-47N□	0.047	10	50	260	0.3	50
CMI1608L-68N□	0.068	10	50	250	0.3	50
CMI1608L-82N□	0.082	10	50	245	0.3	50
CMI1608L-R10□	0.1	15	25	240	0.5	50
CMI1608L-R12□	0.12	15	25	205	0.5	50
CMI1608L-R15□	0.15	15	25	180	0.6	50
CMI1608L-R18□	0.18	15	25	165	0.6	50
CMI1608L-R22□	0.22	15	25	150	0.8	50
CMI1608L-R27□	0.27	15	25	136	0.8	50
CMI1608L-R33□	0.33	15	25	125	0.85	50
CMI1608L-R39□	0.39	15	25	110	1.00	35
CMI1608L-R47□	0.47	15	25	105	1.35	35
CMI1608L-R56□	0.56	15	25	95	1.55	35
CMI1608L-R68□	0.68	15	25	90	1.7	35
CMI1608L-R82□	0.82	15	25	85	2.1	35
CMI1608P-1R0□	1.0	35	10	90	0.6	25
CMI1608P-1R2□	1.2	35	10	85	0.8	25
CMI1608P-1R5□	1.5	35	10	80	0.8	25
CMI1608P-1R8□	1.8	35	10	75	0.95	25
CMI1608P-2R2□	2.2	35	10	70	1.15	15
CMI1608Q-1R0□	1.0	35	10	75	0.6	25
CMI1608Q-1R2□	1.2	35	10	65	0.8	25
CMI1608Q-1R5□	1.5	35	10	60	0.8	25
CMI1608Q-1R8□	1.8	35	10	55	0.95	25
CMI1608Q-2R2□	2.2	35	10	50	1.15	15
CMI1608Q-2R7□	2.7	35	10	45	1.35	15
CMI1608Q-3R3□	3.3	35	10	40	1.55	15
CMI1608Q-3R9□	3.9	35	10	35	1.7	15
CMI1608Q-4R7□	4.7	35	10	33	2.1	15
CMI1608S-5R6□	5.6	35	4	22	1.55	5
CMI1608S-6R8□	6.8	35	4	20	1.7	5
CMI1608S-8R2□	8.2	35	4	18	2.1	5
CMI1608S-100□	10	30	2	17	1.85	3
CMI1608S-120□	12	30	2	15	2.1	3
CMI1608T-150□	15	20	1	14	1.7	1
CMI1608T-180□	18	20	1	13	1.85	1
CMI1608T-220□	22	20	1	11	2.1	1
CMI1608T-270□	27	20	1	10	2.75	1
CMI1608T-330□	33	20	1	9	2.95	1

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PART NO.	L μH	Q(min)	TEST FREQ. MHz	SRF (min) MHz	DCR (max) Ω	I _{dc} (max) mA
CMI2012L-47N□	0.047	15	50	320	0.2	300
CMI2012L-68N□	0.068	15	50	280	0.2	300
CMI2012L-82N□	0.082	15	50	255	0.2	300
CMI2012L-R10□	0.1	20	25	235	0.3	250
CMI2012L-R12□	0.12	20	25	220	0.3	250
CMI2012L-R15□	0.15	20	25	200	0.4	250
CMI2012L-R18□	0.18	20	25	185	0.4	250
CMI2012L-R22□	0.22	20	25	170	0.5	250
CMI2012L-R27□	0.27	20	25	150	0.5	250
CMI2012L-R33□	0.33	20	25	145	0.55	250
CMI2012L-R39□	0.39	25	25	135	0.65	200
CMI2012L-R47□	0.47	25	25	125	0.65	200
CMI2012L-R56□	0.56	25	25	115	0.75	150
CMI2012L-R68□	0.68	25	25	105	0.8	150
CMI2012L-R82□	0.82	25	25	100	1	150
CMI2012P-1R0□	1.0	45	10	95	0.4	50
CMI2012P-1R2□	1.2	45	10	85	0.5	50
CMI2012P-1R5□	1.5	45	10	80	0.5	50
CMI2012P-1R8□	1.8	45	10	75	0.6	50
CMI2012P-2R2□	2.2	45	10	70	0.65	50
CMI2012Q-1R0□	1.0	45	10	75	0.4	50
CMI2012Q-1R2□	1.2	45	10	65	0.5	50
CMI2012Q-1R5□	1.5	45	10	60	0.5	50
CMI2012Q-1R8□	1.8	45	10	55	0.6	50
CMI2012Q-2R2□	2.2	45	10	50	0.65	30
CMI2012Q-2R7□	2.7	45	10	45	0.75	30
CMI2012Q-3R3□	3.3	45	10	41	0.8	30
CMI2012Q-3R9□	3.9	45	10	38	0.9	30
CMI2012Q-4R7□	4.7	45	10	35	1	30
CMI2012S-5R6□	5.6	50	4	32	0.9	15
CMI2012S-6R8□	6.8	50	4	29	1	15
CMI2012S-8R2□	8.2	50	4	26	1.1	15
CMI2012S-100□	10	50	2	24	1.15	15
CMI2012S-120□	12	50	2	22	1.25	15
CMI2012T-150□	15	30	1	19	0.8	5
CMI2012T-180□	18	30	1	18	0.9	5
CMI2012T-220□	22	30	1	16	1.1	5
CMI2012T-270□	27	30	1	14	1.15	5
CMI2012T-330□	33	30	0.4	13	1.25	5
CMI2012T-390□	39	35	2	8	2.9	4
CMI2012T-470□	47	35	2	7.5	3	4
CMI2012T-560□	56	35	2	7	3.1	4
CMI2012T-680□	68	25	1	6.5	2.9	2
CMI2012T-820□	82	25	1	6	3	2
CMI2012T-101□	100	25	1	5.5	3.1	2

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PART NO.	L uH	Q(min)	TEST FREQ. MHz	SRF (min) MHz	DCR(max) Ω	Idc(max) mA
CMI3216L-47N□	0.047	20	50	320	0.15	300
CMI3216L-68N□	0.068	20	50	280	0.25	300
CMI3216L-R10□	0.1	20	25	235	0.25	250
CMI3216L-R12□	0.12	20	25	220	0.3	250
CMI3216L-R15□	0.15	20	25	200	0.3	250
CMI3216L-R18□	0.18	20	25	185	0.4	250
CMI3216L-R22□	0.22	20	25	170	0.4	250
CMI3216L-R27□	0.27	20	25	150	0.5	250
CMI3216L-R33□	0.33	20	25	145	0.6	250
CMI3216L-R39□	0.39	25	25	135	0.5	200
CMI3216L-R47□	0.47	25	25	125	0.6	200
CMI3216L-R56□	0.56	25	25	115	0.7	150
CMI3216L-R68□	0.68	25	25	105	0.8	150
CMI3216L-R82□	0.82	25	25	100	0.9	150
CMI3216Q-1R0□	1.0	45	10	75	0.4	100
CMI3216Q-1R2□	1.2	45	10	65	0.5	100
CMI3216Q-1R5□	1.5	45	10	60	0.5	100
CMI3216Q-1R8□	1.8	45	10	55	0.5	50
CMI3216Q-2R2□	2.2	45	10	50	0.6	50
CMI3216Q-2R7□	2.7	45	10	45	0.6	50
CMI3216Q-3R3□	3.3	45	10	41	0.7	50
CMI3216Q-3R9□	3.9	45	10	38	0.8	50
CMI3216Q-4R7□	4.7	45	10	35	0.9	50
CMI3216S-5R6□	5.6	50	4	32	0.7	25
CMI3216S-6R8□	6.8	50	4	29	0.8	25
CMI3216S-8R2□	8.2	50	4	26	0.9	25
CMI3216S-100□	10	50	2	24	1	25
CMI3216S-120□	12	50	2	22	1.05	15
CMI3216T-150□	15	35	1	19	0.7	5
CMI3216T-180□	18	35	1	18	0.7	5
CMI3216T-220□	22	35	1	16	0.9	5
CMI3216T-270□	27	35	1	14	0.9	5
CMI3216T-330□	33	35	0.4	13	1.05	5
CMI3216T-390□	39	40	2	11	3	5
CMI3216T-470□	47	40	2	10	3.4	5
CMI3216T-560□	56	40	2	9.5	3.8	4
CMI3216T-680□	68	40	1	9.5	3	4
CMI3216T-820□	82	40	1	9	3.4	4
CMI3216T-101□	100	40	1	8	3.8	4