



Description:

This CM Series leadless wire wound inductor offers a higher density mounting of parts in Electronic circuits. Featuring metal terminals used as the electrodes, and molded into a heat resistant resin, these parts are considered one of the most superior designs on the market.

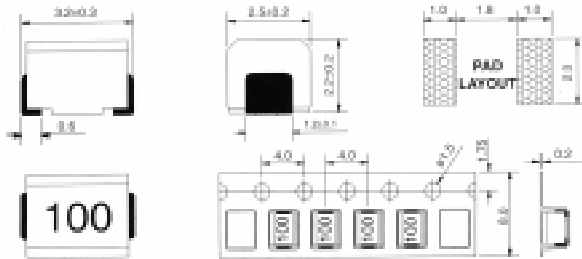
Applications:

- Telecommunications
- Measuring equipment
- Medical equipment
- Computers
- Computer peripherals
- Cable converter boxes
- Automotive

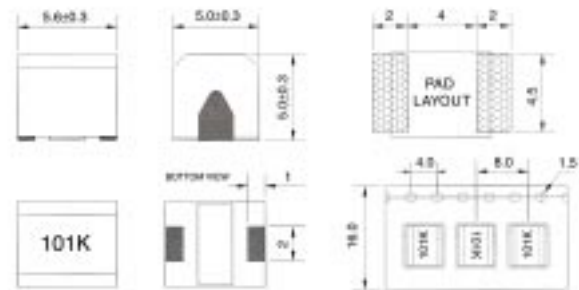
Features:

- Low profile SMD
- Suitable for High density mounting
- Tape and Reeled for automated placement machines.
- Designed to ensure trouble-free assembly and reflow operations
- High saturation current ratings
- Higher Q value than multi-layer inductors

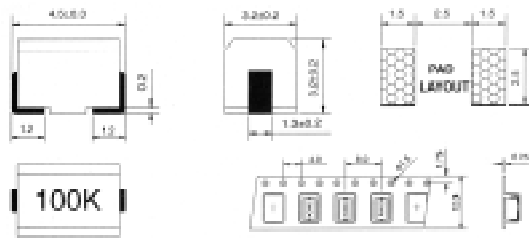
CM 3225 Series Size



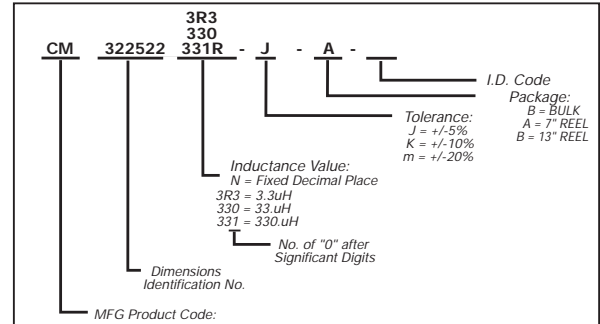
CM 5650 Series Size



CM 4532 Series Size



PART NUMBER CODE



Tape & Reel Specifications on page B.9.0

Part No.	L uH	Q Min.	Q Test Freq (MHz)	Self-Resonant Freq. (MHz) Min	DCR (OHM) Max.	IDC (mA) Max.
CM322522-R010MA-__	0.01 uH	15	100	2500	0.13	450
CM322522-R015MA-__	0.015 uH	19	100	2100	0.16	450
CM322522-R022MA-__	0.022 uH	23	100	1900	0.20	450
CM322522-R033MA-__	0.033 uH	25	100	1400	0.24	450
CM322522-R047MA-__	0.047 uH	26	100	1200	0.30	450
CM322522-R068MA-__	0.068 uH	15	100	1000	0.36	450
CM322522-R10MA-__	0.10 uH	28	100	700	0.44	450
CM322522-R12MA-__	0.12 uH	30	25.2	500	0.22	450
CM322522-R15MA-__	0.15 uH	30	25.2	450	0.25	450
CM322522-R18MA-__	0.18 uH	30	25.2	400	0.28	450
CM322522-R22MA-__	0.22 uH	30	25.2	350	0.32	450
CM322527-R27MA-__	0.27 uH	30	25.2	320	0.36	450
CM322533-R33MA-__	0.33 uH	30	25.2	300	0.40	450
CM322522-R39MA-__	0.39 uH	30	25.2	250	0.45	450
CM322522-R47MA-__	0.47 uH	30	25.2	220	0.50	450
CM322522-R56MA-__	0.56uH	30	25.2	180	0.55	450
CM322522-R68MA-__	0.68 uH	30	25.2	160	0.60	450
CM322522-R82MA-__	0.82 uH	30	25.2	140	0.65	450
CM322522-1R0KA-__	1.0 uH	30	7.96	120	0.70	400
CM322522-1R2KA-__	1.2 uH	30	7.96	100	0.75	390



COIL INDUCTOR
CM SERIES

Part No.	L uH	Q Min.	Test Freq (MHz)	Self-Resonant Freq. (MHz) Min	DCR (OHM) Max.	IDC (mA) Max.
CM322522-3R3KA-__	3.3 uH	30	7.96	60	1.20	260
CM322522-3R9KA-__	3.9 uH	30	7.96	55	1.30	250
CM322522-4R7KA-__	4.7 uH	30	7.96	50	1.7	220
CM322522-5R6KA-__	5.6 uH	30	7.96	47	1.8	200
CM322522-6R8KA-__	6.8 uH	30	7.96	43	2.0	180
CM322522-8R2KA-__	8.2 uH	30	7.96	40	2.3	170
CM322522-100KA-__	10 uH	30	2.52	36	2.5	150
CM322522-120KA-__	12 uH	30	2.52	33	2.8	140
CM322522-150KA-__	15 uH	30	2.52	30	3.2	130
CM322522-180KA-__	18 uH	30	2.52	27	3.6	120
CM322522-220KA-__	22 uH	30	2.52	25	4.0	110
CM322522-270KA-__	27 uH	30	2.52	20	5.0	80
CM322522-330KA-__	33 uH	33	2.52	17	5.6	70
CM322522-390KA-__	39 uH	30	2.52	16	6.4	65
CM322522-470KA-__	47 uH	30	2.52	15	7.0	60
CM322522-560KA-__	56 uH	30	2.52	16	8.0	55
CM322522-680KA-__	68 uH	30	2.52	12.0	9.0	50
CM322522-820KA-__	82 uH	30	2.52	11.0	10.0	45
CM322522-101KA-__	100 uH	20	0.796	10.0	10.0	40
CM322522-121KA-__	120 uH	20	0.796	10.0	11.0	70
CM322522-151KA-__	150 uH	20	0.796	8.0	15.0	65
CM322522-181KA-__	180 uH	20	0.796	7.0	17.0	60
CM322522-221KA-__	220 uH	20	0.796	7.0	21.0	50
CM453232-R10MA-__	0.10 uH	35	25.2	300	0.18	800
CM453232-R12MA-__	0.12 uH	35	25.2	280	0.20	770
CM453232-R15MA-__	0.15 uH	35	25.2	250	0.22	730
CM453232-R18MA-__	0.18 uH	35	25.2	220	0.24	700
CM453232-R22MA-__	0.22 uH	40	25.2	200	0.25	665
CM453232-R27MA-__	0.27 uH	40	25.2	180	0.26	635
CM453232-R33MA-__	0.33 uH	40	25.2	165	0.28	605
CM453232-R39MA-__	0.39 uH	40	25.2	150	0.30	575
CM453232-R47MA-__	0.47 uH	40	25.2	145	0.32	545
CM453232-R56MA-__	0.56 uH	40	25.2	140	0.36	520
CM453232-R68MA-__	0.68 uH	40	25.2	135	0.40	500
CM453232-R82MA-__	.82 uH	40	25.2	130	0.45	475
CM453232-1R0KA-__	1.0 uH	50	7.96	100	0.50	450
CM453232-1R2KA-__	1.2 uH	50	7.96	80	0.55	430
CM453232-1R5KA-__	1.5 uH	50	7.96	70	0.60	410
CM453232-1R8KA-__	1.8 uH	50	7.96	60	0.65	390
CM453232-2R2KA-__	2.2 uH	50	7.96	55	0.70	380
CM453232-2R7KA-__	2.7 uH	50	7.96	50	0.75	370
CM453232-3R3KA-__	3.3 uH	50	7.96	45	0.80	355
CM453232-3R9KA-__	3.9 uH	50	7.96	40	0.90	330
CM453232-4R7KA-__	4.7 uH	50	7.96	35	1.00	315
CM453232-5R6KA-__	5.6 uH	50	7.96	33	1.10	300
CM453232-6R8KA-__	6.8 uH	50	7.96	27	1.20	285
CM453232-8R2KA-__	8.2 uH	50	7.96	25	1.40	270
CM453232-100KA-__	10 uH	50	2.52	20	1.60	250
CM453232-120KA-__	12 uH	50	2.52	18	2.00	225
CM453232-150KA-__	15 uH	50	2.52	17	2.50	200
CM453232-180KA-__	18 uH	50	2.52	15	2.80	190
CM453232-220KA-__	22 uH	50	2.52	13	3.20	180
CM453232-270KA-__	27 uH	50	2.52	12	3.60	170
CM453232-330KA-__	33 uH	50	2.52	11	4.00	160
CM453232-390KA-__	39 uH	50	2.52	10	4.50	150
CM453232-470KA-__	47 uH	50	2.52	10	5.00	140
CM453232-560KA-__	56 uH	50	2.52	9.0	5.50	135
CM453232-680KA-__	68 uH	50	2.52	9.0	6.00	130
CM453232-820KA-__	82 uH	50	2.52	8.0	7.00	120
CM453232-101KA-__	100 uH	40	0.796	8.0	8.00	110
CM453232-121KA-__	120 uH	40	0.796	6.0	8.00	110



Part No.	L uH	Q Min.	Test Freq (MHz)	Self-Resonant Freq. (MHz) Min	DCR (OHM) Max.	Rated Current (mA) Max.
CM453232-151KA-	150 uH	40	0.796	5.0	9.00	105
CM453232-181KA-	180 uH	40	0.796	5.0	9.50	102
CM453232-221KA-	220 uH	40	0.796	4.0	10.0	100
CM453232-271KA-	270 uH	40	0.796	4.0	12.0	92
CM453232-331KA-	330 uH	40	0.796	3.5	14.0	85
CM453232-391KA-	390 uH	40	0.796	3.0	18.0	80
CM453232-471KA-	470 uH	40	0.796	3.0	26.0	62
CM453232-561KA-	560 uH	30	0.796	3.0	30.0	50
CM453232-681KA-	680 uH	30	0.796	3.0	30.0	50
CM453232-821KA-	820 uH	30	0.796	2.5	35.0	30
CM453232-102KA-	1,000 uH	25	0.252	2.5	40.0	30
CM565050-1R0KA-	1.0 uH	10	7.96	95	0.030	1800
CM565050-1R2KA-	1.2 uH	10	7.96	70	0.035	1700
CM565050-1R5KA-	1.5 uH	10	7.96	55	0.04	1600
CM565050-1R8KA-	1.8 uH	10	7.96	47	0.05	1400
CM565050-2R2KA-	2.2 uH	10	7.96	42	0.06	1300
CM565050-2R7KA-	2.7 uH	10	7.96	37	0.07	1200
CM565050-3R3KA-	3.3 uH	10	7.96	34	0.08	1120
CM565050-3R9KA-	3.9 uH	10	7.96	32	0.09	1050
CM565050-4R7KA-	4.7 uH	10	7.96	29	0.11	950
CM565050-5R6KA-	5.6 uH	10	7.96	26	0.13	880
CM565050-6R8KA-	6.8 uH	10	7.96	24	0.15	810
CM565050-8R2KA-	8.2 uH	10	7.96	22	0.18	750
CM565050-100KA-	10 uH	10	2.52	19	0.21	690
CM565050-120KA-	12 uH	10	2.52	17	0.25	630
CM565050-150KA-	15 uH	10	2.52	16	0.30	580
CM565050-180KA-	18 uH	10	2.52	14	0.36	530
CM565050-220KA-	22 uH	10	2.52	13	0.43	480
CM565050-270KA-	27 uH	10	2.52	11.5	0.52	440
CM565050-330KA-	33 uH	10	2.52	10.5	0.62	400
CM565050-390KA-	39 uH	10	2.52	9.5	0.72	370
CM565050-470KA-	47 uH	10	2.52	8.5	0.85	340
CM565050-560KA-	56 uH	10	2.52	7.8	1.0	310
CM565050-680KA-	68 uH	10	2.52	7.0	1.2	290
CM565050-820KA-	82 uH	10	2.52	6.4	1.4	270
CM565050-101KA-	100 uH	20	0.796	6.0	1.6	250
CM565050-121KA-	120 uH	20	0.796	5.4	1.9	230
CM565050-151KA-	150 uH	20	0.796	4.8	2.2	210
CM565050-181KA-	180 uH	20	0.796	4.4	2.8	190
CM565050-221KA-	220 uH	20	0.796	3.9	3.4	170
CM565050-271KA-	270 uH	20	0.796	3.6	4.2	155
CM565050-331KA-	330 uH	20	0.796	3.2	4.9	140
CM565050-391KA-	390 uH	20	0.796	2.9	5.8	130
CM565050-471KA-	470 uH	20	0.796	2.6	7.0	120
CM565050-561KA-	560 uH	20	0.796	2.4	8.5	110
CM565050-681KA-	680 uH	20	0.796	2.2	10	100
CM565050-821KA-	820 uH	20	0.796	2.0	13	90
CM565050-102KA-	1000 uH	20	0.252	1.8	15	85
CM565050-122JA-	1200 uH	30	0.252	1.5	17	75
CM565050-152JA-	1500 uH	30	0.252	1.4	20	70
CM565050-182JA-	1800 uH	30	0.252	1.3	30	60
CM565050-222JA-	2200 uH	30	0.252	1.2	35	55
CM565050-272JA-	2700 uH	30	0.252	1.1	55	45
CM565050-332JA-	3300 uH	30	0.252	1.0	60	40
CM565050-392JA-	3900 uH	30	0.252	1.0	70	38
CM565050-472JA-	4700 uH	30	0.252	0.9	78	36
CM565050-562JA-	5600 uH	30	0.252	0.8	85	33
CM565050-682JA-	6800 uH	30	0.252	0.7	110	30
CM565050-822JA-	8200 uH	30	0.252	0.6	125	28
CM565050-103JA-	10000 uH	20	0.0796	1.5	150	25