

INDUCTORS

SMD Molded Wound Chip Inductor CM252016 Series

FEATURES:

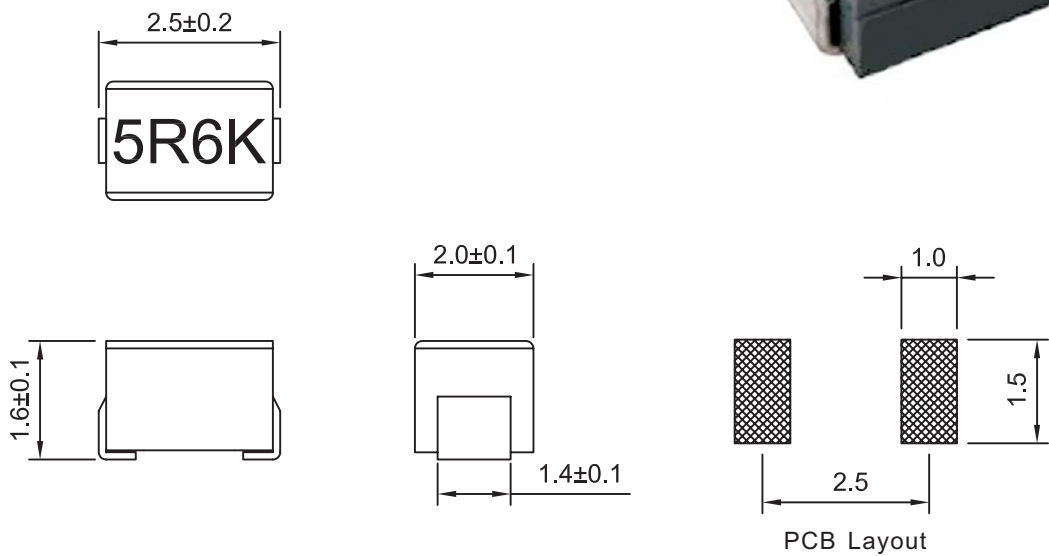
- Low DCR
- Best suited for power supply lines

APPLICATIONS:

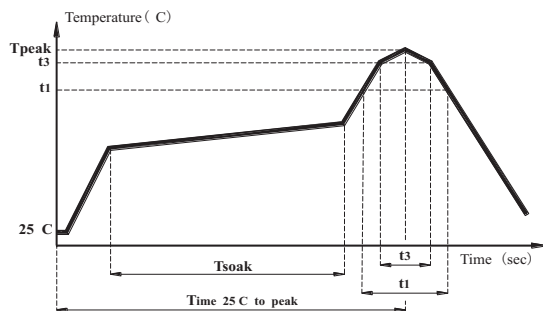
- VCRs & Video Cameras
- Automobile Audio Systems
- Computer products & Peripherals

Operating temperature: - 40 C to + 85 C

Dimension: Unit: mm



REFLOW PROFILE:



Item	mark	
Temperature rise gradient		30 /sec (max)
Heating time	Tsoak	50s B 150s
Heating temperature		1200 B 1800
Time over 210	t1	70 sec
Time within 5 of actual peak temperature	t3	10B3 0 sec
Peak temperature	Tpeak	250 (+0 / B-5)
Time 250 to peak Temperature		6 minutes max.

TAPE & REEL:

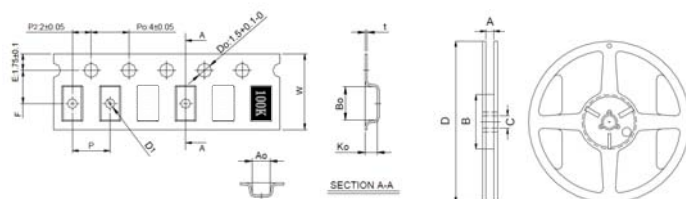
ORDER INFORMATION

CM252016 - 3R3 K - R

3R3: Inductance Code

K: Tolerance M: ± 20% (L = 0.1 ~ 0.82µH)
K: ± 10% (L = 1.0 ~ 820µH)

R: Packing Tape and Reel



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Part Number	Inductance μH	Std. Tolerance	Q min.	Test Freq. MHz	SRF min. MHz	RDC max ohm	IDC max mA
CM2520 16-10NK	0.01	±10 %	10	100	2500	0.32	280
CM2520 16-12NK	0.012	±10 %	10	100	2200	0.34	270
CM2520 16-15NK	0.015	±10 %	10	100	1800	0.38	255
CM2520 16-18NK	0.018	±10 %	10	100	1550	0.4	250
CM2520 16-22NK	0.022	±10 %	15	100	1350	0.43	240
CM2520 16-27NK	0.027	±10 %	15	100	1150	0.47	230
CM2520 16-33NK	0.033	±10 %	15	100	1000	0.51	220
CM2520 16-39NK	0.039	±10 %	15	100	890	0.55	215
CM2520 16-47NK	0.047	±10 %	15	100	770	0.59	205
CM2520 16-56NK	0.056	±10 %	15	100	670	0.63	200
CM2520 16-68NK	0.068	±10 %	15	100	590	0.68	190
CM2520 16-82NK	0.082	±10 %	15	100	520	0.73	185
CM2520 16-R10K	0.1	±10 %	10	25.2	460	0.8	175
CM2520 16-R12K	0.12	±10 %	10	25.2	400	0.87	170
CM2520 16-R15K	0.15	±10 %	10	25.2	340	0.98	160
CM2520 16-R18K	0.18	±10 %	10	25.2	300	1.05	155
CM2520 16-R22M	0.22	±20 %	25	25.2	230	0.7	190
CM2520 16-R27M	0.27	±20 %	25	25.2	210	0.75	180
CM2520 16-R33M	0.33	±20 %	25	25.2	190	0.85	170
CM2520 16-R39M	0.39	±20 %	25	25.2	175	0.95	160
CM2520 16-R47M	0.47	±20 %	25	25.2	160	1	155
CM2520 16-R56M	0.56	±20 %	25	25.2	150	1.1	150
CM2520 16-R68M	0.68	±20 %	25	25.2	135	1.25	140
CM2520 16-R82M	0.82	±20 %	25	25.2	125	1.4	130
CM2520 16-1R0K	1	±10 %	25	7.96	115	0.65	195
CM2520 16-1R2K	1.2	±10 %	25	7.96	100	0.75	180
CM2520 16-1R5K	1.5	±10 %	25	7.96	90	0.85	170
CM2520 16-1R8K	1.8	±10 %	25	7.96	85	0.95	160
CM2520 16-2R2K	2.2	±10 %	25	7.96	80	1.05	155
CM2520 16-2R7K	2.7	±10 %	25	7.96	75	1.2	145
CM2520 16-3R3K	3.3	±10 %	25	7.96	65	1.3	135
CM2520 16-3R9K	3.9	±10 %	25	7.96	60	1.4	130
CM2520 16-4R7K	4.7	±10 %	25	7.96	55	1.6	125
CM2520 16-5R6K	5.6	±10 %	25	7.96	50	1.8	120
CM2520 16-6R8K	6.8	±10 %	25	7.96	45	1.9	115
CM2520 16-8R2K	8.2	±10 %	25	7.96	40	2.2	105
CM2520 16-100K	10	±10 %	25	2.52	32	3.5	80
CM2520 16-120K	12	±10 %	25	2.52	30	3.8	75
CM2520 16-150K	15	±10 %	25	2.52	28	4.4	70
CM2520 16-180K	18	±10 %	25	2.52	25	5	65
CM2520 16-220K	22	±10 %	25	2.52	22	5.8	60
CM2520 16-270K	27	±10 %	20	2.52	21	6.3	115
CM2520 16-330K	33	±10 %	20	2.52	20	7.1	110
CM2520 16-390K	39	±10 %	20	2.52	18	9.5	90
CM2520 16-470K	47	±10 %	20	2.52	17	11	80
CM2520 16-560K	56	±10 %	20	2.52	16	12.1	75
CM2520 16-680K	68	±10 %	20	2.52	15	16.6	70
CM2520 16-820K	82	±10 %	20	2.52	13	19	65
CM2520 16-101K	100	±10 %	15	0.796	12	21	60