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CM Series Kits and Chip Inductors

Inductor Kits

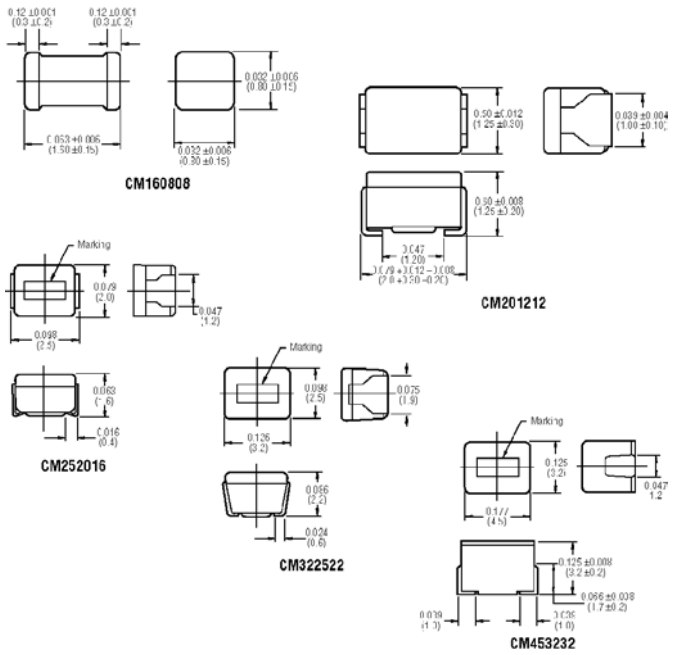
These kits offer a wide range of inductive values with a large quantity of each value in convenient and easy to use packaging and allow application testing by research and development or engineering. All Bourns SMT Inductors are compatible with pick and place equipment. Typical applications for the SMT kit series include the input and output of DC/DC converters and power supplies for portable communications equipment, camcorders, LCD TVs, CD players, car radios and much more.

Stock No.	Mfr.'s Type	Size	L Range	No. of Values	Pieces Per Value	Pieces Per Kit	Series	EACH
754-0460	CM45-LAB1	4.5 mm	0.1 µH to 1000 µH	25	10	250	E6	**95.88**
754-0461	CM32-LAB1	3.2 mm	0.1 µH to 220 µH	21	10	210	E6	**106.53**
754-0462	CM25-LAB1	2.5 mm	10 nH to 100 µH	25	20	500	E6	**138.72**
754-0463	CM20-LAB1	2.0 mm	3.9 nH to 1.0 µH	18	30	540	E6	**146.88**
754-0464	CM16-LAB1	1.6 mm	1.5 nH to 100 nH	18	30	540	E12	**122.40**

Chip Inductors

The CM series offers high resistance to heat and humidity, resistance to mechanical shock and pressure, accurate dimensions for automatic surface mounting and a wide inductance range. Applications include mobile phone, cellular phone, CTV, VCR, HIC and FFD. Flow soldering is recommended at 260°C, 5 sec. max. (2 waves solder method). Infra-red is recommended at 200°C, 60 sec. and peak max. 240°C, 5 sec. max. Vapor phase recommended at 215°C, 20-60 sec. max.

Stock No.	Mfr.'s Type	Inductance	Tol. %	Q Min.	Test Frequency MHz	Qty. Per Reel	EACH
754-1815	CM453232-R10M	0.1 µH	20	35	25.2	500	**.18**
754-1816	CM453232-R15M	0.15 µH	20	35	25.2	500	**.18**
754-1817	CM453232-R22M	0.22 µH	20	40	25.2	500	**.18**
754-1818	CM453232-R33M	0.33 µH	20	40	25.2	500	**.18**
754-1819	CM453232-R47M	0.47 µH	20	40	25.2	500	**.18**
754-1820	CM453232-1R0K	1 µH	10	50	7.96	500	**.18**
754-1821	CM453232-1R5K	1.5 µH	10	50	7.96	500	**.18**
754-1822	CM453232-2R2K	2.2 µH	10	50	7.96	500	**.18**
754-1823	CM453232-3R3K	3.3 µH	10	50	7.96	500	**.18**
754-1824	CM453232-4R7K	4.7 µH	10	50	7.96	500	**.18**
754-1825	CM453232-100K	10 µH	10	50	2.52	500	**.18**
754-1826	CM453232-150K	15 µH	10	50	2.52	500	**.18**
754-1827	CM453232-220K	22 µH	10	50	2.52	500	**.18**
754-1828	CM453232-330K	33 µH	10	50	2.52	500	**.18**
754-1829	CM453232-470K	47 µH	10	50	2.52	500	**.18**
754-1830	CM453232-101K	100 µH	10	40	2.52	500	**.18**
754-1831	CM453232-151K	150 µH	10	40	0.796	500	**.18**
754-1832	CM453232-221K	220 µH	10	40	0.796	500	**.18**
754-1833	CM453232-471K	470 µH	10	40	0.796	500	**.18**
754-1834	CM453232-102K	1000 µH	10	30	0.252	500	**.18**
754-1835	CM322522-R10M	0.1 µH	20	10	100	2000	**.17**
754-1836	CM322522-R15M	0.15 µH	20	10	100	2000	**.17**
754-1837	CM322522-R22M	0.22 µH	20	25	25.2	2000	**.15**
754-1838	CM322522-R33M	0.33 µH	20	25	25.2	2000	**.15**
754-1839	CM322522-R47M	0.47 µH	20	25	25.2	2000	**.14**
754-1840	CM322522-1R0K	1 µH	10	30	7.96	2000	**.15**
754-1841	CM322522-1R5K	1.5 µH	10	30	7.96	2000	**.15**
754-1842	CM322522-2R2K	2.2 µH	10	30	7.96	2000	**.15**
754-1843	CM322522-3R3K	3.3 µH	10	30	7.96	2000	**.15**
754-1844	CM322522-4R7K	4.7 µH	10	30	7.96	2000	**.15**
754-1845	CM322522-100K	10 µH	10	30	2.52	2000	**.15**
754-1846	CM322522-150K	15 µH	10	30	2.52	2000	**.15**
754-1847	CM322522-220K	22 µH	10	30	2.52	2000	**.15**
754-1848	CM322522-330K	33 µH	10	30	2.52	2000	**.15**
754-1849	CM322522-470K	47 µH	10	30	2.52	2000	**.15**
754-1850	CM322522-101K	100 µH	10	20	0.796	2000	**.15**
754-1851	CM322522-150K	150 µH	10	20	0.796	2000	**.15**
754-1852	CM322522-221K	220 µH	10	20	0.796	2000	**.15**
754-1853	CM252016-10NK	0.01 µH	10	10	100	2000	**.21**
754-1854	CM252016-15NK	0.015 µH	10	10	100	2000	**.20**
754-1855	CM252016-22NK	0.022 µH	10	15	100	2000	**.21**
754-1856	CM252016-33NK	0.033 µH	10	15	100	2000	**.21**
754-1857	CM252016-47NK	0.047 µH	10	15	100	2000	**.21**
754-1858	CM252016-R10K	0.1 µH	10	10	25.2	2000	**.21**
754-1859	CM252016-R15K	0.15 µH	10	10	25.2	2000	**.20**
754-1860	CM252016-R22K	0.22 µH	10	25	25.2	2000	**.21**
754-1861	CM252016-R33K	0.33 µH	10	25	25.2	2000	**.21**
754-1862	CM252016-R47K	0.47 µH	10	25	25.2	2000	**.19**
754-1863	CM252016-1R0K	1 µH	10	25	7.96	2000	**.19**
754-1864	CM252016-1R5K	1.5 µH	10	25	7.96	2000	**.19**
754-1865	CM252016-2R2K	2.2 µH	10	25	7.96	2000	**.19**



Stock No.	Mfr.'s Type	Inductance	Tol. %	Q Min.	Test Frequency MHz	Qty. Per Reel	EACH
754-1866	CM252016-3R3K	3.3 µH	10	25	7.96	2000	**.19**
754-1867	CM252016-4R7K	4.7 µH	10	25	7.96	2000	**.19**
754-1868	CM252016-100K	10 µH	10	25	2.52	2000	**.19**
754-1869	CM252016-150K	15 µH	10	25	2.52	2000	**.18**
754-1870	CM252016-220K	22 µH	10	25	2.52	2000	**.19**
754-1871	CM252016-330K	33 µH	10	20	2.52	2000	**.19**
754-1872	CM252016-470K	47 µH	10	20	2.52	2000	**.19**
754-1873	CM252016-101K	100 µH	10	15	0.796	2000	**.19**
754-1874	CM201212-3N9M	0.0039 µH	20	6	100	3000	**.29**
754-1875	CM201212-4N7M	0.0047 µH	20	6	100	3000	**.29**
754-1876	CM201212-10NK	0.01 µH	10	10	100	3000	**.29**
754-1877	CM201212-15NK	0.015 µH	10	12	100	3000	**.29**
754-1878	CM201212-22NK	0.022 µH	10	15	100	3000	**.29**
754-1879	CM201212-33NK	0.033 µH	10	15	100	3000	**.29**
754-1880	CM201212-47NK	0.047 µH	10	15	100	3000	**.29**
754-1881	CM201212-R10K	0.1 µH	10	8	25.2	3000	**.29**
754-1882	CM201212-R15K	0.15 µH	10	10	25.2	3000	**.29**
754-1883	CM201212-R22K	0.22 µH	10	10	25.2	3000	**.29**
754-1884	CM201212-R33K	0.33 µH	10	10	25.2	3000	**.29**
754-1885	CM201212-R47K	0.47 µH	10	10	25.2	3000	**.29**
754-1886	CM201212-1R0K	1 µH	10	8	7.96	3000	**.29**
754-1915	CM160808-1N5D	1.5 nH	.3 nH	8	100	3000	**.16**
754-1916	CM160808-2N2D	2.2 nH	.3 nH	8	100	3000	**.16**
754-1917	CM160808-2N7D	2.7 nH	.3 nH	8	100	3000	**.16**
754-1918	CM160808-3N3D	3.3 nH	.3 nH	9	100	3000	**.16**
754-1919	CM160808-4N7J	4.7 nH	5	9	100	3000	**.16**
754-1920	CM160808-10NJ	10 nH	5	10	100	3000	**.16**
754-1921	CM160808-12NJ	12 nH	5	10	100	3000	**.16**
754-1922	CM160808-15NJ	15 nH	5	10	100	3000	**.16**
754-1923	CM160808-22NJ	22 nH	5	10	100	3000	**.16**
754-1924	CM160808-33NJ	33 nH	5	10	100	3000	**.16**
754-1925	CM160808-47NJ	47 nH	5	11	100	3000	**.16**
754-1926	CM160808-R10J	100 nH	5	12	100	3000	**.16**

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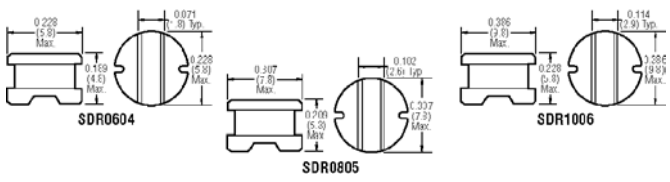
Surface Mount Power Inductors



These surface mount inductors have a small size diameter and a low profile. Applications include input and output of DC/DC converters and power supplier for portable communications equipment, camcorders, LCD TVs, CD players, car radios and much more. The SRR0805 series is shielded, all others are non-shielded.

Stock No.	Mfr.'s Type	Inductance	Tol. %	Q Min.	Test Frequency MHz	IDC A Max.	Qty. Per Reel	EACH
754-2030	SDR0604-3R3M	3.3	20	22	7.96	2.00	400	**.38**
754-2031	SDR0604-4R7M	4.7	20	20	7.96	1.80	400	**.37**
754-2032	SDR0604-100M	10	20	30	2.52	1.45	400	**.37**
754-2033	SDR0604-150Y	15	15	30	2.52	1.30	400	**.37**
754-2034	SDR0604-220Y	22	15	30	2.52	1.10	400	**.37**
754-2035	SDR0604-470K	47	10	22	2.52	0.72	400	**.37**
754-2036	SDR0604-101K	100	10	22	0.796	0.52	400	**.37**
754-2037	SDR0604-151K	150	10	22	0.796	0.40	400	**.37**
754-2038	SDR0604-221K	220	10	20	0.796	0.35	400	**.37**
754-2039	SDR0805-100M	10	20	25	2.52	2.30	1000	**.43**
754-2041	SDR0805-220M	22	20	20	2.52	1.50	1000	**.43**
754-2042	SDR0805-470K	47	10	15	2.52	1.00	1000	**.43**
754-2043	SDR0805-101K	100	10	12	0.796	0.72	1000	**.43**
754-2044	SDR0805-151K	150	10	12	0.796	0.58	1000	**.43**
754-2045	SDR0805-221K	220	10	12	0.796	0.49	1000	**.43**
754-2046	SDR0805-471K	470	10	12	0.796	0.34	1000	**.43**
754-2047	SDR1006-100M	10	20	30	2.52	2.60	800	**.45**
754-2048	SDR1006-150M	15	20	30	2.52	2.25	800	**.45**
754-2049	SDR1006-470K	47	10	20	2.52	1.25	800	**.45**
754-2050	SDR1006-101K	100	10	15	0.796	0.97	800	**.45**
754-2051	SDR1006-151K	150	10	15	0.796	0.78	800	**.45**
754-2052	SDR1006-221K	220	10	12	0.796	0.66	800	**.45**
754-2053	SDR1006-471K	470	10	12	0.796	0.42	800	**.45**