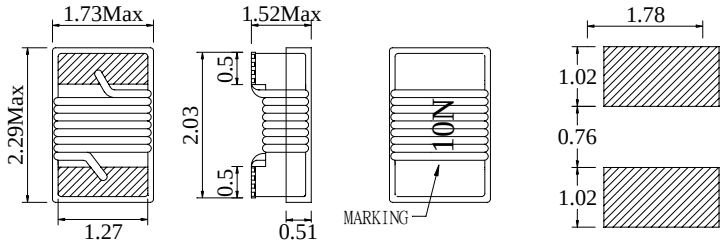
CM0805 Series SMD Chip Inductor

Features:

- Ceramic base core material for high frequency application.
- 0805 footprint, 1.52 mm Max. height.
- Custom value and tolerance are available.
- Tape & Reel quantity on 7" reel: 2,000 pcs.

Mechanical Dimmensions (Unit: mm)



Electrical Specifications						
Part Number	Inductance (nH)	Tolerance (%)	Q Min.	S.R.F Min. (MHz)	DCR Max. (Ω)	I_{max} (mA)
CM0805-2N2U	2.2 @ 250 MHz	J,K,M	40 @ 1500MHz	6000	0.10	600
CM0805-3N3U	3.3 @ 250 MHz	J,K,M	25 @ 1500MHz	6000	0.15	600
CM0805-6N8U	6.8 @ 250 MHz	J,K,M	50 @ 1000MHz	5000	0.11	600
CM0805-8N2U	8.2 @ 250 MHz	J,K,M	50 @ 1000 MHz	4700	0.19	600
CM0805-10NU	10 @ 250 MHz	J,K,M	50 @ 500 MHz	4200	0.14	600
CM0805-12NU	12 @ 250 MHz	G,J,K,M	50 @ 500MHz	4000	0.15	600
CM0805-15NU	15 @ 250 MHz	G,J,K,M	50 @ 500MHz	2900	0.17	600
CM0805-18NU	18 @ 250 MHz	G,J,K,M	50 @ 500MHz	3300	0.20	600
CM0805-22NU	22 @ 250 MHz	G,J,K,M	55 @ 500MHz	2600	0.22	500
CM0805-27NU	27 @ 250 MHz	G,J,K,M	55 @ 500MHz	2500	0.25	500
CM0805-33NU	33 @ 250 MHz	G,J,K,M	60 @ 500MHz	2050	0.27	500
CM0805-39NU	39 @ 250 MHz	G,J,K,M	60 @ 500MHz	2000	0.29	500
CM0805-47NU	47 @ 200 MHz	G,J,K,M	60 @ 500MHz	1650	0.31	500
CM0805-82NU	82 @ 150 MHz	G,J,K,M	60 @ 500MHz	1300	0.42	400
CM0805-R10U	100 @ 150 MHz	G,J,K,M	60 @ 500MHz	1200	0.46	400
CM0805-R12U	120 @ 150 MHz	G,J,K,M	50 @ 250MHz	1100	0.51	400
CM0805-R15U	150 @ 100 MHz	G,J,K,M	50 @ 250MHz	920	0.56	400
CM0805-R18U	180 @ 100 MHz	G,J,K,M	50 @ 250MHz	870	0.64	400
CM0805-R22U	220 @ 100 MHz	G,J,K,M	45 @ 250MHz	850	0.70	400
CM0805-R27U	270 @ 100 MHz	G,J,K,M	40 @ 250MHz	650	1.00	350
CM0805-R33U	330 @ 100 MHz	G,J,K,M	40 @ 250MHz	600	1.50	310
CM0805-R39U	390 @ 100 MHz	G,J,K,M	35 @ 250MHz	560	1.70	290
CM0805-R47U	470 @ 50 MHz	G,J,K,M	33 @ 100MHz	375	1.76	250
CM0805-R56U	560 @ 25 MHz	G,J,K,M	23 @ 50MHz	340	1.90	230
CM0805-R68U	680 @ 25 MHz	G,J,K,M	23 @ 50MHz	188	2.20	190
CM0805-R82U	820 @ 25 MHz	G,J,K,M	23 @ 50MHz	215	2.35	180
CM0805-R91U	910 @ 25 MHz	G,J,K,M	22 @ 50MHz	180	3.00	160

Tolerance Code: G = 2%, J = 5%, K = 10%, M = 20%.