

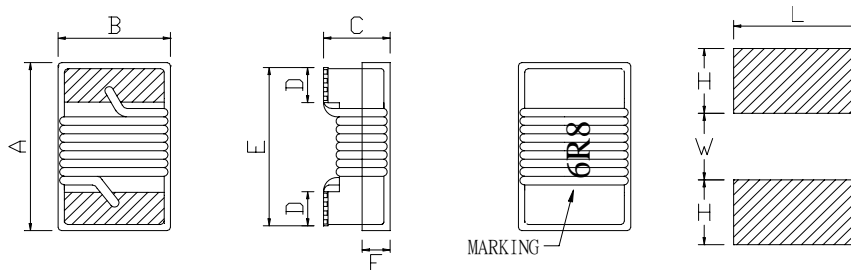


FM0805 SMD Chip Inductor



Features:

- High frequency applications.
- 0805 foot print, 1.52 mm Max. height.
- Available for custom values.
- Tape & Reel quantity on 7" reel: 2,000 pcs.



Mechanical Dimmensions (Unit: mm)

Part Number	A Max.	B Max.	C Max.	D	E	F	H	L	W
FM0805	2.29	1.73	1.52	0.5	2.03	0.51	1.02	1.78	0.76

Electrical Specifications

Part Number	Inductance (nH)	Tolerance (%)	Q Min.	S.R.F Min. (MHz)	DCR Max. (Ω)	I_{Max} (mA)
FM0805-R33XU	330 @ 100 MHz	J,K,M	35 @ 100 MHz	630	0.60	400
FM0805-R39XU	390 @ 100 MHz	J,K,M	35 @ 100 MHz	580	0.66	350
FM0805-R47XU	470 @ 100 MHz	J,K,M	35 @ 100 MHz	530	0.72	300
FM0805-R56XU	560 @ 25 MHz	J,K,M	35 @ 100 MHz	520	0.81	280
FM0805-R68XU	680 @ 25 MHz	J,K,M	34 @ 100 MHz	400	0.86	250
FM0805-R82XU	820 @ 25 MHz	J,K,M	34 @ 100 MHz	370	0.92	240
FM0805-R91XU	910 @ 25 MHz	J,K,M	33 @ 100 MHz	350	0.98	240
FM0805-1R0XU	1000 @ 7.9 MHz	J,K,M	26 @ 50 MHz	320	1.08	250
FM0805-1R2XU	1200 @ 7.9 MHz	J,K,M	26 @ 50 MHz	270	1.13	220
FM0805-1R5XU	1500 @ 7.9 MHz	J,K,M	25 @ 50 MHz	200	1.73	200
FM0805-1R8XU	1800 @ 7.9 MHz	J,K,M	23 @ 50 MHz	150	2.40	180
FM0805-2R2XU	2200 @ 7.9 MHz	J,K,M	22 @ 25 MHz	140	2.65	130
FM0805-2R7XU	2700 @ 7.9 MHz	J,K,M	10 @ 7.9 MHz	220	2.75	120
FM0805-3R3XU	3300 @ 7.9 MHz	J,K,M	10 @ 7.9 MHz	190	2.95	100
FM0805-100XU	10000 @ 7.96 MHz	J,K,M	18 @ 7.96 MHz	140	8.70	80

Note:

Tolerance code: J = 5%, K = 10%, M = 20%.