

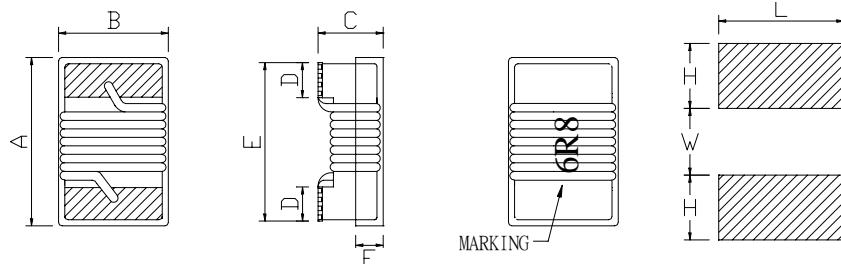


FM1008 SMD Chip Inductor



Features:

- High frequency applications.
- 1008 foot print, 2.2 mm max. height.
- Available for custom values.
- Tape & Reel quantity on 7" reel: 2,000 pcs.



Mechanical Dimensions (Unit: mm)

Part Number	A Max.	B Max.	C Max.	D	E	F	H	L	W
FM1008	2.92	2.79	2.2	0.5	2.43	0.51	1.02	2.54	1.27

Electrical Specifications

Part Number	Inductance (nH)	Tolerance (%)	Q Min.	S.R.F Min. (MHz)	DCR Max. (Ω)	I_{Max} (mA)
FM1008-R47XU	470 @ 25MHz	J,K,M	47 @ 50MHz	430	0.40	800
FM1008-R56XU	560 @ 25MHz	J,K,M	46 @ 50MHz	380	0.43	770
FM1008-R62XU	620 @ 25MHz	J,K,M	45 @ 50MHz	340	0.43	770
FM1008-R68XU	680 @ 25MHz	J,K,M	43 @ 50MHz	320	0.48	750
FM1008-R75XU	750 @ 25MHz	J,K,M	42 @ 50MHz	300	0.55	730
FM1008-R82XU	820 @ 25MHz	J,K,M	40 @ 50MHz	290	0.61	710
FM1008-R91XU	910 @ 25MHz	J,K,M	40 @ 50MHz	270	0.67	690
FM1008-1R0XU	1000 @ 7.9MHz	J,K,M	38 @ 50MHz	260	0.72	670
FM1008-1R2XU	1200 @ 7.9MHz	J,K,M	35 @ 50MHz	250	0.78	650
FM1008-1R5XU	1500 @ 7.9MHz	J,K,M	35 @ 50MHz	200	0.85	630
FM1008-1R8XU	1800 @ 7.9MHz	J,K,M	33 @ 50MHz	170	1.10	600
FM1008-2R2XU	2200 @ 7.9MHz	J,K,M	30 @ 50MHz	160	1.25	520
FM1008-2R7XU	2700 @ 7.9MHz	J,K,M	27 @ 50MHz	120	1.50	490
FM1008-3R3XU	3300 @ 7.9MHz	J,K,M	25 @ 50MHz	120	1.65	450
FM1008-3R9XU	3900 @ 7.9MHz	J,K,M	26 @ 25MHz	110	12.3	420
FM1008-4R7XU	4700 @ 7.9MHz	J,K,M	25 @ 25MHz	100	2.55	400
FM1008-5R6XU	5600 @ 7.9MHz	J,K,M	18 @ 7.9MHz	80	2.65	380
FM1008-6R8XU	6800 @ 7.9MHz	J,K,M	18 @ 7.9MHz	60	2.90	360
FM1008-8R2XU	8200 @ 7.9MHz	J,K,M	16 @ 7.9MHz	40	3.20	330
FM1008-100XU	10000 @ 7.9MHz	J,K,M	15 @ 7.9MHz	60	3.50	300
FM1008-220XU	22000 @ 2.5MHz	J,K,M	10 @ 2.5MHz	7	4.8	150

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