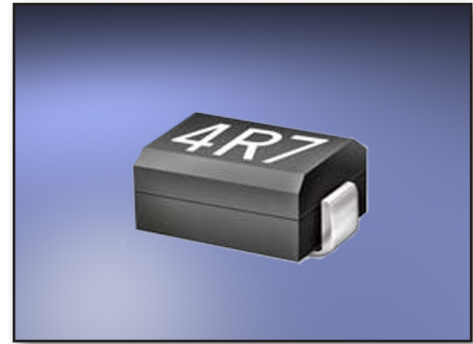


**Features :**

- Description: Ferrite core, wire-wound molded chip inductors.
- Applications: TVs, VCRs, disk drives, computer peripherals, telecommunication devices and electronic control boards for automobile.
- Operating Temperature: -40°C to +100°C
- Inductance Tolerance: ±5%, ±10% & ±20%
- Testing: Inductance and Q are tested on an HP4284A at specified frequency.
- Packaging: Tape & reel, 2000pcs/reel.
- Marking: Parts are marked with inductance code.
- Additional info available upon request.

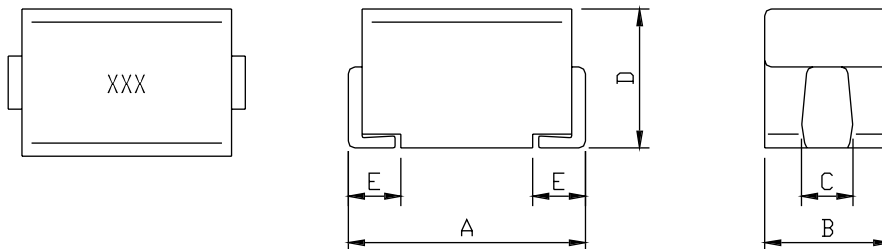


Part Number	Inductance (µH)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ohm)	Rated DC (mA)
AXMC1210-R010_	0.010	100	15	100	2500	0.13	450
AXMC1210-R012_	0.012	100	17	100	2300	0.14	450
AXMC1210-R015_	0.015	100	19	100	2100	0.16	450
AXMC1210-R018_	0.018	100	21	100	1900	0.18	450
AXMC1210-R022_	0.022	100	23	100	1700	0.20	450
AXMC1210-R027_	0.027	100	23	100	1500	0.22	450
AXMC1210-R033_	0.033	100	25	100	1400	0.24	450
AXMC1210-R039_	0.039	100	25	100	1300	0.27	450
AXMC1210-R047_	0.047	100	26	100	1200	0.30	450
AXMC1210-R056_	0.056	100	26	100	1100	0.33	450
AXMC1210-R068_	0.068	100	27	100	1000	0.36	450
AXMC1210-R082_	0.082	100	27	100	900	0.40	450
AXMC1210-R10_	0.10	100	28	100	700	0.44	450
AXMC1210-R12_	0.12	25.2	30	25.2	500	0.22	450
AXMC1210-R15_	0.15	25.2	30	25.2	450	0.25	450
AXMC1210-R18_	0.18	25.2	30	25.2	400	0.28	450
AXMC1210-R22_	0.22	25.2	30	25.2	350	0.32	450
AXMC1210-R27_	0.27	25.2	30	25.2	320	0.36	450
AXMC1210-R33_	0.33	25.2	30	25.2	300	0.40	450
AXMC1210-R39_	0.39	25.2	30	25.2	250	0.45	450
AXMC1210-R47_	0.47	25.2	30	25.2	220	0.50	450
AXMC1210-R56_	0.56	25.2	30	25.2	180	0.55	450
AXMC1210-R68_	0.68	25.2	30	25.2	160	0.60	450
AXMC1210-R82_	0.82	25.2	30	25.2	140	0.65	450
AXMC1210-1R0_	1.0	7.96	30	7.96	120	0.70	400
AXMC1210-1R2_	1.2	7.96	30	7.96	100	0.75	390
AXMC1210-1R5_	1.5	7.96	30	7.96	85	0.85	370
AXMC1210-1R8_	1.8	7.96	30	7.96	80	0.90	350
AXMC1210-2R2_	2.2	7.96	30	7.96	75	1.0	320
AXMC1210-2R7_	2.7	7.96	30	7.96	70	1.1	290
AXMC1210-3R3_	3.3	7.96	30	7.96	60	1.2	260
AXMC1210-3R9_	3.9	7.96	30	7.96	55	1.3	250
AXMC1210-4R7_	4.7	7.96	30	7.96	50	1.5	220

Tolerance Code J= ±5%, K= ±10%, M= ±20%

Part Number	Inductance (µH)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ohm)	Rated DC (mA)
AXMC1210-5R6_	5.6	7.96	30	7.96	45	1.6	200
AXMC1210-6R8_	6.8	7.96	30	7.96	40	1.8	180
AXMC1210-8R2_	8.2	7.96	30	7.96	35	2.0	170
AXMC1210-100_	10	2.52	30	2.52	30	2.1	150
AXMC1210-120_	12	2.52	30	2.52	20	2.5	140
AXMC1210-150_	15	2.52	30	2.52	20	2.8	130
AXMC1210-180_	18	2.52	30	2.52	20	3.3	120
AXMC1210-220_	22	2.52	30	2.52	20	3.7	110
AXMC1210-270_	27	2.52	30	2.52	20	5.0	80
AXMC1210-330_	33	2.52	30	2.52	17	5.6	70
AXMC1210-390_	39	2.52	30	2.52	16	6.4	65
AXMC1210-470_	47	2.52	30	2.52	15	7.0	60
AXMC1210-560_	56	2.52	30	2.52	13	8.0	55
AXMC1210-680_	68	2.52	30	2.52	12	9.0	50
AXMC1210-820_	82	2.52	30	2.52	11	10	45
AXMC1210-101_	100	0.796	20	0.796	10	10	40
AXMC1210-121_	120	0.796	20	0.796	10	11	70
AXMC1210-151_	150	0.796	20	0.796	8.0	15	65
AXMC1210-181_	180	0.796	20	0.796	7.0	17	60
AXMC1210-221_	220	0.796	20	0.796	7.0	21	50
AXMC1210-271_	270	0.796	20	0.796	6.0	28	45
AXMC1210-331_	330	0.796	20	0.796	5.0	34	40
AXMC1210-391_	390	0.796	20	0.796	5.0	36	35
AXMC1210-471_	470	0.796	20	0.796	4.0	40	25

Tolerance Code J= ±5%, K= ±10%, M= ±20%



Size	A	B	C	D	E
mm	3.2 ± 0.3	2.5 ± 0.2	1	2.2 ± 0.2	0.6