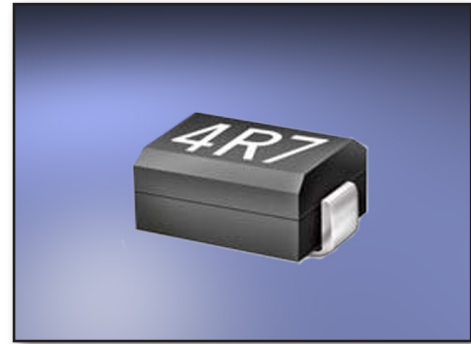


Features :

- 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 +105°C
- Inductance Tolerance: ±5% & ±10%
- Testing: Inductance and Q are tested on an HP4284A at specified frequency.
- Packaging: Tape & reel, 500/2000pcs
- Marking: Parts are marked with inductance code.
- Additional info available upon request.



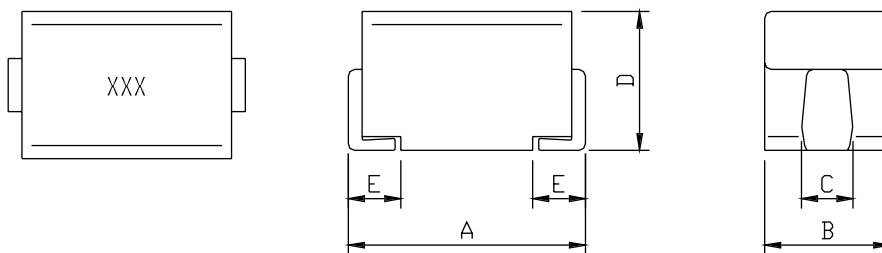
Part Number	Inductance (µH)	Test Freq. (MHz)	Q Factor Min.	SRF Min. (MHz)	DCR Max. (Ohm)	Rated DC (mA)
AXMC1812-R10K	0.10	25.2	35	300	0.18	800
AXMC1812-R12K	0.12	25.2	35	280	0.20	770
AXMC1812-R15K	0.15	25.2	35	250	0.22	730
AXMC1812-R18K	0.18	25.2	35	220	0.24	700
AXMC1812-R22K	0.22	25.2	40	200	0.25	665
AXMC1812-R27K	0.27	25.2	40	180	0.26	635
AXMC1812-R33K	0.33	25.2	40	165	0.28	605
AXMC1812-R39K	0.39	25.2	40	150	0.30	575
AXMC1812-R47K	0.47	25.2	40	145	0.32	545
AXMC1812-R56K	0.56	25.2	40	140	0.36	520
AXMC1812-R68K	0.68	25.2	40	135	0.40	500
AXMC1812-R82K	0.82	25.2	40	130	0.45	475
AXMC1812-1R0J	1.0	7.96	50	100	0.50	450
AXMC1812-1R2J	1.2	7.96	50	80	0.55	430
AXMC1812-1R5J	1.5	7.96	50	70	0.60	410
AXMC1812-1R8J	1.8	7.96	50	60	0.65	390
AXMC1812-2R2J	2.2	7.96	50	55	0.70	380
AXMC1812-2R7J	2.7	7.96	50	50	0.75	370
AXMC1812-3R3J	3.3	7.96	50	45	0.80	355
AXMC1812-3R9J	3.9	7.96	50	40	0.90	330
AXMC1812-4R7J	4.7	7.96	50	35	1.0	315
AXMC1812-5R6J	5.6	7.96	50	33	1.1	300
AXMC1812-6R8J	6.8	7.96	50	27	1.2	285
AXMC1812-8R2J	8.2	7.96	50	25	1.4	270
AXMC1812-100J	10	2.52	50	20	1.6	250
AXMC1812-120J	12	2.52	50	18	2.0	225
AXMC1812-150J	15	2.52	50	17	2.5	200
AXMC1812-180J	18	2.52	50	15	2.8	190
AXMC1812-220J	22	2.52	50	13	3.2	180
AXMC1812-270J	27	2.52	50	12	3.6	170
AXMC1812-330J	33	2.52	50	11	4.0	160
AXMC1812-390J	39	2.52	50	10	4.5	150
AXMC1812-470J	47	2.52	50	10	5.0	140

Tolerance Code J= ±5%, K= ±10%

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

Part Number	Inductance (µH)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ohm)	Rated DC (mA)
AXMC1812-560J	56	25.2	50	25.2	9.0	5.5	135
AXMC1812-680J	68	25.2	50	25.2	9.0	6.0	130
AXMC1812-820J	82	25.2	50	25.2	8.0	7.0	120
AXMC1812-101J	100	7.96	40	7.96	8.0	8.0	110
AXMC1812-121J	120	7.96	40	7.96	6.0	8.0	110
AXMC1812-151J	150	7.96	40	7.96	5.0	9.0	105
AXMC1812-181J	180	7.96	40	7.96	5.0	9.5	102
AXMC1812-221J	220	7.96	40	7.96	4.0	10.0	100
AXMC1812-271J	270	7.96	40	7.96	4.0	12.0	92
AXMC1812-331J	330	7.96	40	7.96	3.5	14.0	85
AXMC1812-391J	390	7.96	40	7.96	3.0	18.0	80
AXMC1812-471J	470	7.96	40	7.96	3.0	26.0	62
AXMC1812-561J	560	7.96	30	7.96	3.0	30.0	50
AXMC1812-681J	680	7.96	30	7.96	3.0	30.0	50
AXMC1812-821J	820	7.96	30	7.96	2.5	35.0	30
AXMC1812-102J	1000	7.96	20	7.96	2.5	40.0	30

Tolerance Code J= ±5%, K= ±10%

Dimensions :


Size	A	B	C	D	E
mm	4.5 ± 0.2	3.2 ± 0.2	1.3 ± 0.2	3.2 ± 0.2	1.0

Pad Layout:
