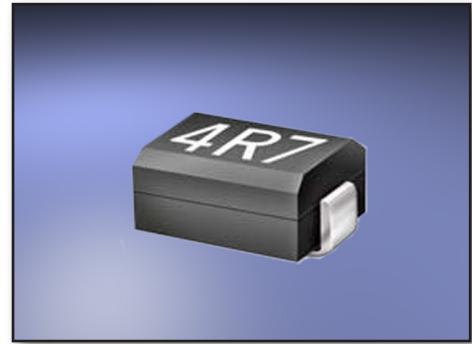


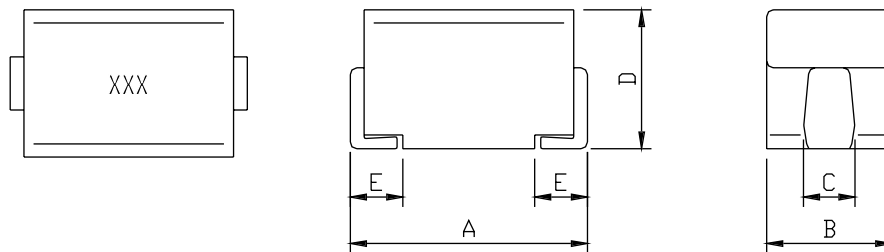
**Features :**

- 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: ±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)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ohm)	Rated DC (mA)
AXMC1812H-1R0K	1.0	7.96	10	7.96	200	0.11	1050
AXMC1812H-1R2K	1.2	7.96	10	7.96	160	0.12	1000
AXMC1812H-1R5K	1.5	7.96	10	7.96	130	0.15	950
AXMC1812H-1R8K	1.8	7.96	10	7.96	100	0.16	900
AXMC1812H-2R2K	2.2	7.96	10	7.96	80	0.18	850
AXMC1812H-2R7K	2.7	7.96	10	7.96	60	0.20	800
AXMC1812H-3R3K	3.3	7.96	10	7.96	45	0.22	750
AXMC1812H-3R9K	3.9	7.96	10	7.96	40	0.24	700
AXMC1812H-4R7K	4.7	7.96	10	7.96	35	0.27	650
AXMC1812H-5R6K	5.6	7.96	10	7.96	30	0.30	650
AXMC1812H-6R8K	6.8	7.96	10	7.96	28	0.35	600
AXMC1812H-8R2K	8.2	7.96	10	7.96	25	0.40	600
AXMC1812H-100K	10	2.52	10	2.52	22	0.50	550
AXMC1812H-120K	12	2.52	10	2.52	21	0.60	500
AXMC1812H-150K	15	2.52	10	2.52	20	0.70	450
AXMC1812H-180K	18	2.52	10	2.52	19	0.80	400
AXMC1812H-220K	22	2.52	10	2.52	18	0.90	370
AXMC1812H-270K	27	2.52	10	2.52	16	1.2	330
AXMC1812H-330K	33	2.52	10	2.52	14	1.4	300
AXMC1812H-390K	39	2.52	10	2.52	12	1.6	280
AXMC1812H-470K	47	2.52	10	2.52	11.5	1.9	260
AXMC1812H-560K	56	2.52	10	2.52	11.0	2.2	240
AXMC1812H-680K	68	2.52	10	2.52	10.0	2.6	220
AXMC1812H-820K	82	2.52	10	2.52	9.0	3.5	200
AXMC1812H-101K	100	0.796	20	0.796	8.0	4.0	180
AXMC1812H-121K	120	0.796	20	0.796	7.5	4.5	160
AXMC1812H-151K	150	0.796	20	0.796	7.0	6.5	140
AXMC1812H-181K	180	0.796	20	0.796	6.5	7.5	120
AXMC1812H-221K	220	0.796	20	0.796	5.5	9	120
AXMC1812H-271K	270	0.796	20	0.796	5.0	11	100
AXMC1812H-331K	330	0.796	20	0.796	4.0	13	90
AXMC1812H-391K	390	0.796	20	0.796	3.8	23	80
AXMC1812H-471K	470	0.796	20	0.796	3.5	26	75
AXMC1812H-561K	560	0.796	20	0.796	2.8	30	70

Part Number	Inductance (μH)	L Test Freq. (MHz)	Q Factor Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ohm)	Rated DC (mA)
AXMC1812H-681K	680	7.96	20	7.96	2.6	40	65
AXMC1812H-821K	820	7.96	20	7.96	2.5	45	60
AXMC1812H-102K	1000	7.96	20	7.96	2.3	50	55

**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:**
