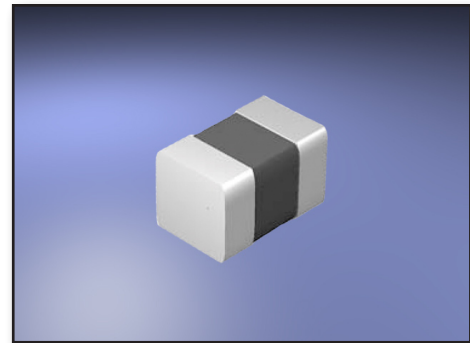


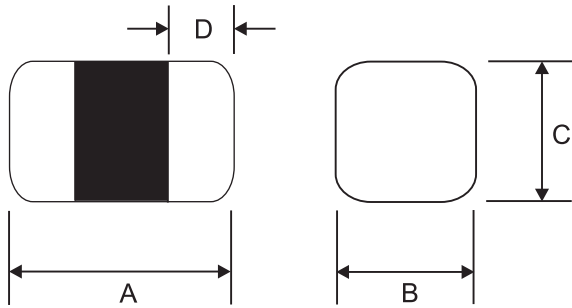
**Features :**

- Description: Ferrite core, multi-layer chip inductors.
- Applications: LC resonant circuits such as oscillator and signal generators, RF filters, disk drives, audio and video equipment. TV, radio and telecommunication equipment.
- Operating temperature: -55°C to +125°C
- Inductance tolerance: ±10%, ±20% (±5% Special order)
- Testing: Inductance and Q are tested on an HP4284A at specified frequency.
- Packaging: Tape & Reel, 4000pcs/reel.
- 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)	Height C (mm)
AXML0805-47NM	0.047	50	15	15	320	0.20	300	0.85±0.2
AXML0805-56NM	0.056	50	15	15	320	0.20	300	0.85±0.2
AXML0805-68NM	0.068	50	15	15	280	0.20	300	0.85±0.2
AXML0805-82NM	0.082	50	15	15	255	0.20	300	0.85±0.2
AXML0805-R10K	0.10	25	20	20	235	0.30	250	0.85±0.2
AXML0805-R12K	0.12	25	20	20	220	0.30	250	0.85±0.2
AXML0805-R15K	0.15	25	20	20	200	0.40	250	0.85±0.2
AXML0805-R18K	0.18	25	20	20	185	0.40	250	0.85±0.2
AXML0805-R22K	0.22	25	20	20	170	0.50	250	0.85±0.2
AXML0805-R27K	0.27	25	20	20	150	0.50	250	0.85±0.2
AXML0805-R33K	0.33	25	20	20	145	0.55	250	0.85±0.2
AXML0805-R39K	0.39	25	25	25	135	0.65	200	0.85±0.2
AXML0805-R47K	0.47	25	25	25	125	0.65	200	1.25±0.2
AXML0805-R56K	0.56	25	25	25	115	0.75	150	1.25±0.2
AXML0805-R68K	0.68	25	25	25	105	0.80	150	1.25±0.2
AXML0805-R82K	0.82	25	25	25	100	1.00	150	1.25±0.2
AXML0805-1R0K	1.0	10	45	45	75	0.40	50	0.85±0.2
AXML0805-1R2K	1.2	10	45	45	65	0.50	50	0.85±0.2
AXML0805-1R5K	1.5	10	45	45	60	0.50	50	0.85±0.2
AXML0805-1R8K	1.8	10	45	45	55	0.60	50	0.85±0.2
AXML0805-2R2K	2.2	10	45	45	50	0.65	30	0.85±0.2
AXML0805-2R7K	2.7	10	45	45	45	0.75	30	1.25±0.2
AXML0805-3R3K	3.3	10	45	45	41	0.80	30	1.25±0.2
AXML0805-3R9K	3.9	10	45	45	38	0.90	30	1.25±0.2
AXML0805-4R7K	4.7	10	45	45	35	1.00	30	1.25±0.2
AXML0805-5R6K	5.6	4.0	50	50	32	0.90	15	1.25±0.2
AXML0805-6R8K	6.8	4.0	50	50	29	1.00	15	1.25±0.2
AXML0805-8R2K	8.2	4.0	50	50	26	1.10	15	1.25±0.2
AXML0805-100K	10	2.0	50	50	24	1.15	15	1.25±0.2
AXML0805-120K	12	2.0	50	50	22	1.25	15	1.25±0.2
AXML0805-150K	15	1.0	30	30	19	0.80	5	1.25±0.2
AXML0805-180K	18	1.0	30	30	18	0.90	5	1.25±0.2
AXML0805-220K	22	1.0	30	30	16	1.10	5	1.25±0.2
AXML0805-270K	27	1.0	30	30	14	1.15	5	1.25±0.2
AXML0805-330K	33	0.40	30	30	13	1.25	5	1.25±0.2

**Dimensions :**



Size	A	B	C	D
mm	2.0 ± 0.2	1.25 ± 0.2	See table	0.5 ± 0.3
inches	0.08 ± 0.008	0.05 ± 0.008		0.02 ± 0.012

**Pad Layout:**

