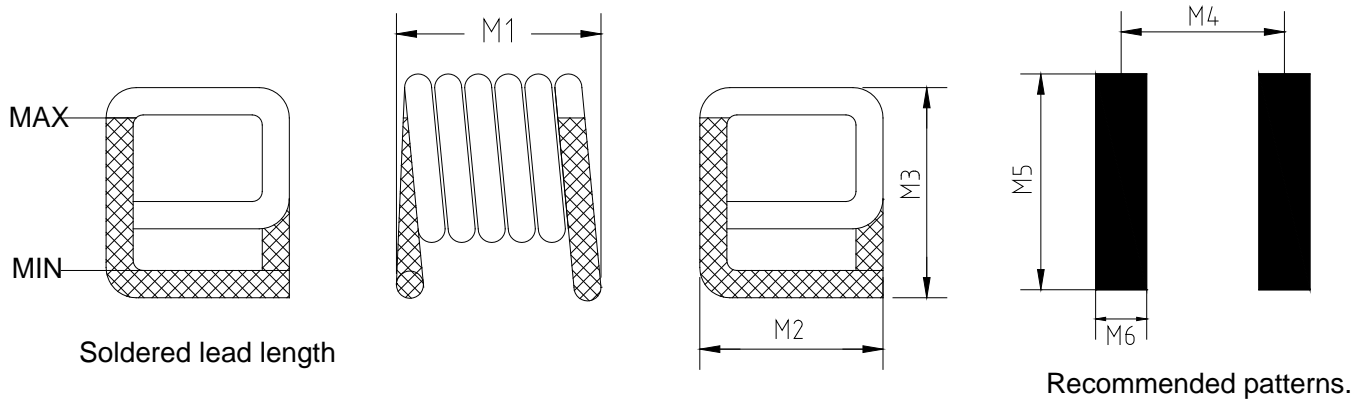


SPECIFICATION FOR APPROVAL

※ This is a RoHS and REACH compliant product whose related documents are available on request.
 ※ Graphic is only for dimensionally application.

1. MECHANICAL DIMENSION



UNIT :mm

Part number	M1	M2	M3	M4	M5	M6
LSQ1111A-27N□	2.67±0.254	2.67±0.127	2.79±0.127	2.29	3.05	1.02
LSQ1111A-30N□	2.67±0.254	2.67±0.127	2.79±0.127	2.29	3.05	1.02
LSQ1111A-33N□	2.92±0.254	2.67±0.127	2.79±0.127	2.54	3.05	1.02
LSQ1111A-36N□	2.92±0.254	2.67±0.127	2.79±0.127	2.54	3.05	1.02
LSQ1111A-39N□	2.92±0.254	2.67±0.127	2.79±0.127	2.54	3.05	1.02
LSQ1111A-43N□	3.30±0.254	2.67±0.127	2.79±0.127	2.79	3.05	1.02
LSQ1111A-47N□	3.30±0.254	2.67±0.127	2.79±0.127	2.79	3.05	1.02

2. ELECTRICAL SPECIFICATION

Part number	Inductance (nH)	Inductance Tolerance	Q TYP.	Test Frequency (MHz)	SRF (GHz) MIN.	DC Resistance (mΩ) MAX.	Irms (A) MAX.
LSQ1111A-27N□	27	G,J	200	400	2.6	8.1	5.5
LSQ1111A-30N□	30	G,J	200	400	2.4	8.3	5.5
LSQ1111A-33N□	33	G,J	200	400	2.3	9.5	4.8
LSQ1111A-36N□	36	G,J	200	400	2.3	9.8	4.8
LSQ1111A-39N□	39	G,J	200	400	2.2	10.0	4.8
LSQ1111A-43N□	43	G,J	200	400	2.2	10.8	4.4
LSQ1111A-47N□	47	G,J	200	400	2.2	11.3	4.4

TEST INSTRUMENT : HP4291B / FIXTURE HP16193A

NOTE :

1. Inductance & Q measured on the HP4291B. With HP16193A test fixture.
2. Operating temperature range: -25°C to +125°C.
3. Storage temperature range: component: -25°C to +85°C.
4. SRF measured using an Agilent/HP 8753 network analyzer.
5. Current that causes a 20°C temperature rise from 25°C ambient.
6. □ Tolerance: G=2%, J=5%
7. MSL: LEVEL 1

SPECIFICATION FOR APPROVAL

3. ELECTRICAL CURVE

