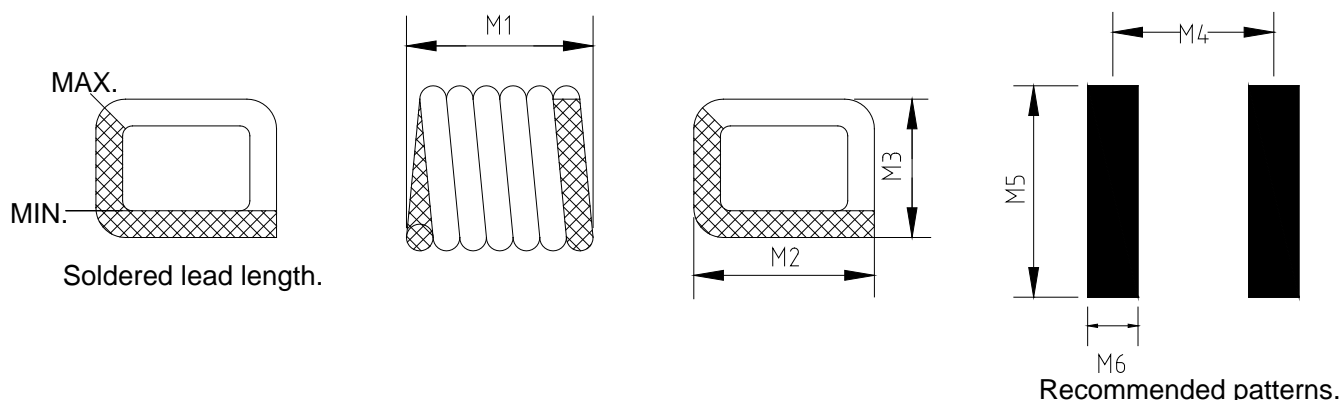


SPECIFICATION FOR APPROVAL

※ 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
LSQ0806A-5N5□	1.346±0.102	1.829±0.254	1.397±0.102	0.962	2.6	0.51
LSQ0806A-6N0□	1.295±0.102	1.829±0.254	1.397±0.102	1.02	2.6	0.51
LSQ0806A-8N9□	1.626±0.152	1.829±0.254	1.397±0.102	1.32	2.6	0.51
LSQ0806A-12N□	1.930±0.152	1.829±0.254	1.397±0.102	1.63	2.6	0.51
LSQ0806A-16N□	2.286±0.152	1.829±0.254	1.397±0.102	1.96	2.6	0.51
LSQ0806A-19N□	2.591±0.152	1.829±0.254	1.397±0.102	2.29	2.6	0.51

2. ELECTRICAL SPECIFICATION

Part number	Turns	Inductance (nH)	Inductance Tolerance	Q MIN.	Test Frequency (MHz)	DC Resistance (mΩ) MAX.	SRF (GHz) TYP.	Rated Current (A) MAX.
LSQ0806A-5N5□	3	5.5	G,J	60	400	3.4	4.9	2.9
LSQ0806A-6N0□	3	6.0	G,J	64	400	6.0	5.2	2.9
LSQ0806A-8N9□	4	8.9	G,J	90	400	7.0	4.3	2.9
LSQ0806A-12N□	5	12.3	G,J	90	400	8.0	4.8	2.9
LSQ0806A-16N□	6	15.7	G,J	90	400	9.0	4.4	2.9
LSQ0806A-19N□	7	19.4	G,J	90	400	10.0	4.0	2.9

TEST INSTRUMENT : HP4291B / FIXTURE HP16193A

NOTE :

1. □Tolerance : G:±2%, J:±5%
2. Inductance & Q measured on the HP4291B. With HP16193A test fixture.
3. SRF measured using the HP8753E.
4. Operating temperature range: -25°C to +125°C.
5. Storage temperature range:component:-25°C to +85°C.
6. Electrical specifications at 25°C.
7. MSL : LEVEL 1

SPECIFICATION FOR APPROVAL

3. CHARACTERISTIC CURVE

