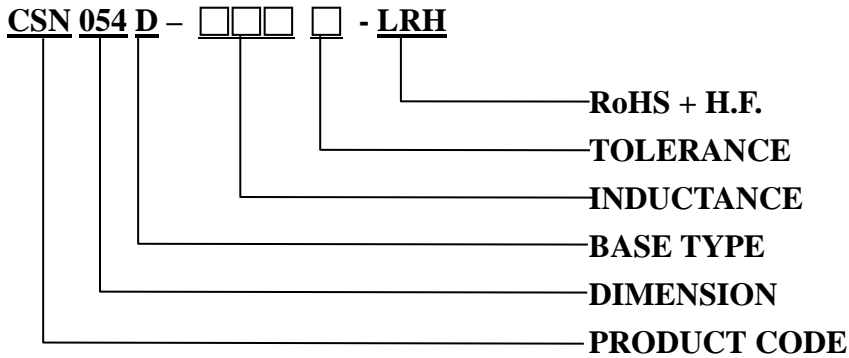


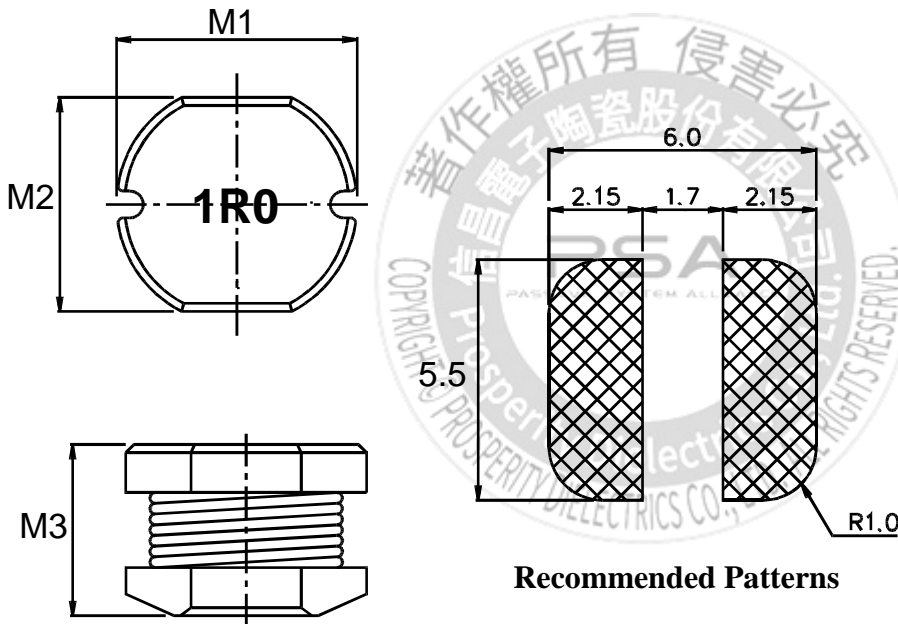
SPECIFICATION FOR APPROVAL

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

1. PART NUMBER IDENTIFICATION



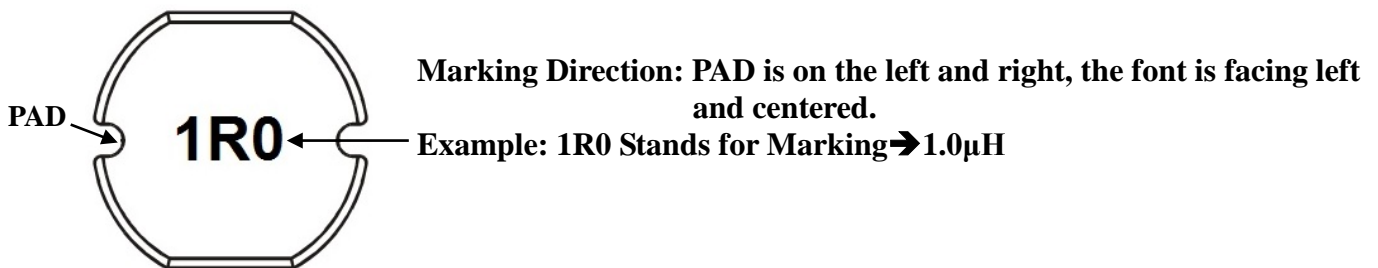
2. MECHANICAL DIMENSION



UNIT: mm

	DIM.	TOL.
M1	5.8	±0.3
M2	5.2	±0.3
M3	4.5	±0.35

3. MARKING



SPECIFICATION FOR APPROVAL

4. ELECTRICAL SPECIFICATION

Part number	Marking	Inductance (uH)	Inductance Tolerance	Test Frequency (KHz)	DC Resistance (Ω) MAX.	Rated Current (A)
CSN054D-1R0□-LRH	1R0	1.0	M、N	100	0.015	4.00
CSN054D-1R9□-LRH	1R9	1.9	M、N	100	0.039	3.00
CSN054D-2R2□-LRH	2R2	2.2	M、N	100	0.020	4.00
CSN054D-3R3□-LRH	3R3	3.3	K、M	100	0.021	3.00
CSN054D-4R7□-LRH	4R7	4.7	K、M	100	0.028	2.00
CSN054D-6R8□-LRH	6R8	6.8	K、M	100	0.042	2.00
CSN054D-100□-LRH	100	10	K、M	100	0.100	1.44
CSN054D-120□-LRH	120	12	K、M	100	0.120	1.40
CSN054D-150□-LRH	150	15	K、M	100	0.140	1.30
CSN054D-180□-LRH	180	18	K、M	100	0.150	1.23
CSN054D-220□-LRH	220	22	K、M	100	0.180	1.11
CSN054D-270□-LRH	270	27	K、M	100	0.200	0.97
CSN054D-330□-LRH	330	33	K、M	100	0.230	0.88
CSN054D-390□-LRH	390	39	K、M	100	0.320	0.80
CSN054D-470□-LRH	470	47	K、M	100	0.370	0.72
CSN054D-560□-LRH	560	56	K、M	100	0.420	0.68
CSN054D-680□-LRH	680	68	K、M	100	0.460	0.61
CSN054D-820□-LRH	820	82	K、M	100	0.600	0.58
CSN054D-101□-LRH	101	100	K、M	10	0.700	0.52
CSN054D-121□-LRH	121	120	K、M	10	0.930	0.48
CSN054D-151□-LRH	151	150	K、M	10	1.100	0.40
CSN054D-181□-LRH	181	180	K、M	10	1.380	0.38
CSN054D-221□-LRH	221	220	K、M	10	1.570	0.35
CSN054D-271□-LRH	271	270	K、M	10	1.850	0.30

NOTE:

1. □ Tolerance: K:±10%, L:±15%, M:±20%.
2. Operating temperature range: -25°C to +125°C.
3. Storage temperature range: -25°C to +85°C.
4. Inductance measured using the HP4284A LCR meter, CHROMA1320 & 3302.
5. DCR measured using the 16502 milli-ohm meter.
6. Inductance drops no more than 10% of initial value at rated current, temperature rises $\Delta t < 40^\circ\text{C}$.
7. MSL: Level 1