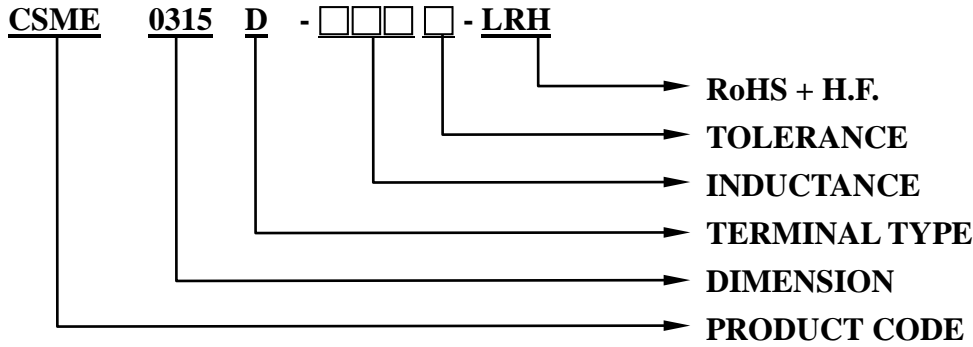


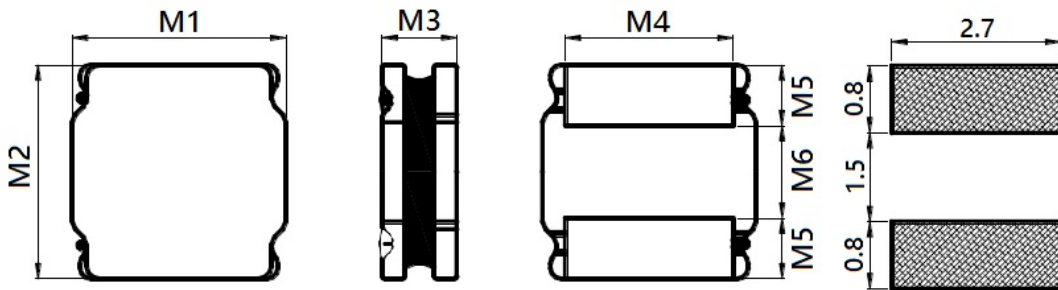
SPECIFICATION FOR APPROVAL

※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



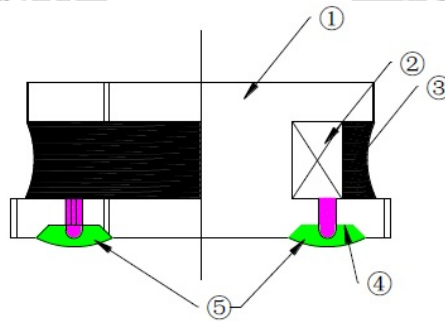
2. MECHANICAL DIMENSION



UNIT: mm

	DIM.	TOL.
M1	3.0	±0.2
M2	3.0	±0.2
M3	1.35	±0.15
M4	2.7	±0.2
M5	0.75	±0.2
M6	1.5	±0.2

3. STRUCTURE



4. MATERIAL LIST

NO	PARTS	MATERIAL
1	DRUM CORE	Ni-Zn FERRITE CORE
2	WIRE	POLYURETHANE ENAMELED COPPER WIRE
3	ADHESIVE	EPOXY RESIN MAGNETIC POWDER
4	PLATING ELECTRODES	PLATING: Ag 10-20 um Ni 1-3 um Sn 3-7 um
5	OUTER ELECTRODES	TOP SURFACE SOLDER COATING Sn99%、Ag0.3%、Cu0.7%

SPECIFICATION FOR APPROVAL

5. ELECTRICAL SPECIFICATION

Part number	Inductance (uH)	DC Resistance (mΩ) ±30%	Isat (A) MAX.	Irms (A) MAX.	SRF (MHz) MIN.
CSME0315D-1R0N-LRH	1.0	30	2.10	2.10	73.0
CSME0315D-1R5N-LRH	1.5	38	1.80	1.82	58.0
CSME0315D-2R2M-LRH	2.2	58	1.48	1.50	53.0
CSME0315D-3R3M-LRH	3.3	78	1.21	1.23	42.0
CSME0315D-4R7M-LRH	4.7	120	1.02	1.04	34.0
CSME0315D-6R8M-LRH	6.8	160	0.87	0.88	26.0
CSME0315D-100M-LRH	10	220	0.70	0.71	17.6
CSME0315D-220M-LRH	22	520	0.47	0.47	14.0
CSME0315D-330M-LRH	33	780	0.39	0.45	12.0
CSME0315D-101M-LRH	100	2300	0.23	0.25	7.0

TOLERANCE : M:±20%、N:±30%

NOTE:

1. INDUCTANCE : @100KHz/0.25V
2. TEST INSTRUMENT : HIOKI3532-50 OR EQUIVALENT
3. DC RESISTANCE : HIOKI 3540 OR EQUIVALENT
4. ISAT / IRISE : HP4284+42841A OR EQUIVALENT
5. OPERATING TEMPERATURE RANGE : -40°C ~ +125°C.
6. STORAGE TEMPERATURE RANGE : -40°C ~ +125°C.
7. INDUCTANCE DROPS NO MORE THAN 30% OF INITIAL VALUE AT ISAT.
8. TEMPERATURE RISES : $\Delta t < 40^{\circ}\text{C}$ AT IRMS.
9. MSL : LEVEL 1.

