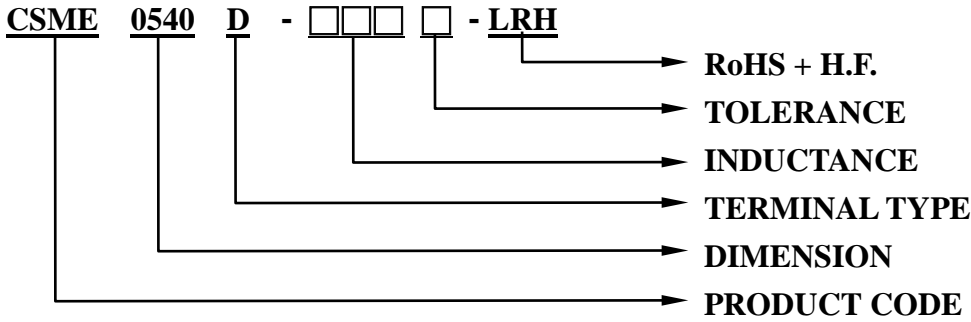


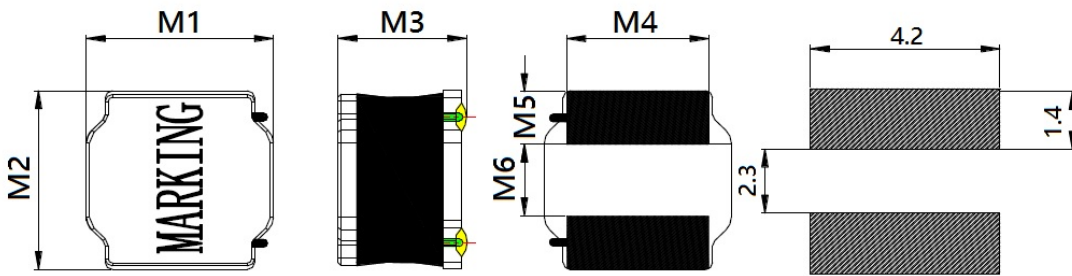
# SPECIFICATION FOR APPROVAL

※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



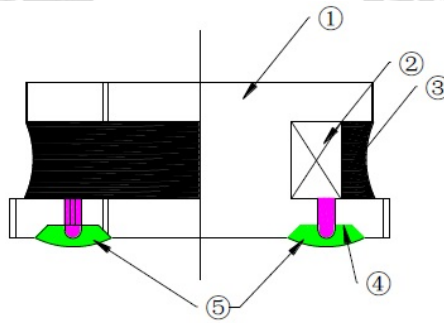
## 2. MECHANICAL DIMENSION



UNIT: mm

	DIM.	TOL.
M1	5.0	±0.2
M2	5.0	±0.2
M3	4.0	MAX.
M4	4.0	±0.2
M5	1.25	±0.2
M6	2.5	±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 CHARACTERISTICS

Part Number.	Mark	Inductance ( $\mu$ H)	DC Resistance ( $m\Omega$ ) $\pm 30\%$	Isat (A) MAX.	Irms (A) MAX.
CSME0540D-1R0N-LRH	1R0	1.0	13	7.35	4.90
CSME0540D-1R5N-LRH	1R5	1.5	17	6.40	4.50
CSME0540D-2R2N-LRH	2R2	2.2	22	5.00	3.70
CSME0540D-3R3N-LRH	3R3	3.3	27	4.00	3.30
CSME0540D-4R7N-LRH	4R7	4.7	29	3.30	3.10
CSME0540D-6R8M-LRH	6R8	6.8	49	2.80	2.40
CSME0540D-100M-LRH	100	10	56	2.30	2.10
CSME0540D-150M-LRH	150	15	80	2.00	1.80
CSME0540D-220M-LRH	220	22	126	1.50	1.40
CSME0540D-330M-LRH	330	33	180	1.30	1.20
CSME0540D-470M-LRH	470	47	310	1.10	0.90
CSME0540D-101M-LRH	101	100	560	0.75	0.70

TOLERANCE : M: $\pm 20\%$ 、N: $\pm 30\%$

※ INDUCTANCE : @100KHz,0.25V

※ TEST MACHINE : HIOKI3532-50 OR EQUIVALENT

※ DC RESISTANCE : HIOKI 3540 OR EQUIVALENT

※ ISAT / IRISE : HP4284+42841A OR EQUIVALENT

※ OPERATING TEMPERATURE : -40°C ~ +125°C.

※ INDUCTANCE DROPS NO MORE THAN 30% OF INITIAL VALUE AT ISAT.

※ TEMPERATURE RISES :  $\Delta t < 40^\circ\text{C}$  AT IRMS.

※ MSL : LEVEL 1.

