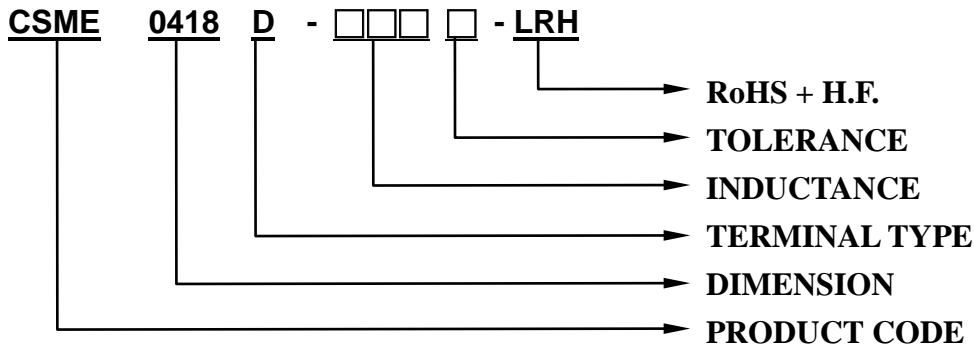


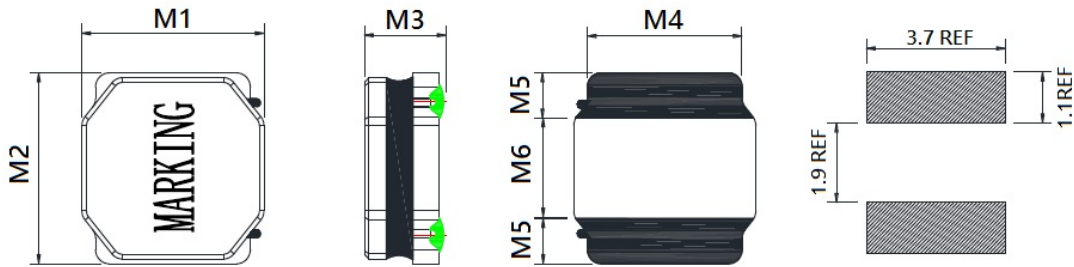
SPECIFICATION FOR APPROVAL

※ 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



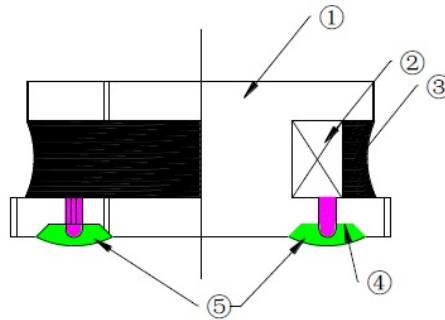
2. MECHANICAL DIMENSION



UNIT: mm

	DIM.	TOL.
M1	4.0	±0.2
M2	4.0	±0.2
M3	1.85	MAX.
M4	3.3	±0.2
M5	1.0	±0.2
M6	2.1	REF

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 (uH)	DC Resistance (mΩ) ±20%.	Isat (A) MAX.	Irms (A) MAX.
CSME0418D-1R0N-LRH	1R0	1.0	27	4.00	3.20
CSME0418D-1R5N-LRH	1R5	1.5	37	3.30	2.40
CSME0418D-2R2M-LRH	2R2	2.2	42	3.00	2.20
CSME0418D-3R3M-LRH	3R3	3.3	55	2.30	2.00
CSME0418D-4R7M-LRH	4R7	4.7	70	2.00	1.70
CSME0418D-6R8M-LRH	6R8	6.8	98	1.60	1.45
CSME0418D-100M-LRH	100	10	150	1.30	1.20
CSME0418D-150M-LRH	150	15	210	1.10	0.85
CSME0418D-220M-LRH	220	22	290	0.90	0.72
CSME0418D-330M-LRH	330	33	480	0.70	0.55
CSME0418D-470M-LRH	470	47	755	0.65	0.60
CSME0418D-101M-LRH	101	100	1450	0.42	0.28
CSME0418D-221M-LRH	221	220	3800	0.28	0.20

□ TOLERANCE : M:±20%、N:±30%

※ INDUCTANCE : @100KHz,1.0V

※ 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.

