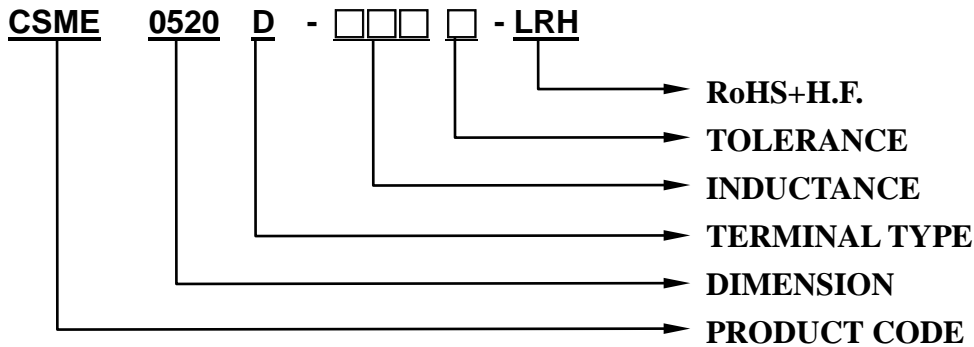


SPECIFICATION FOR APPROVAL

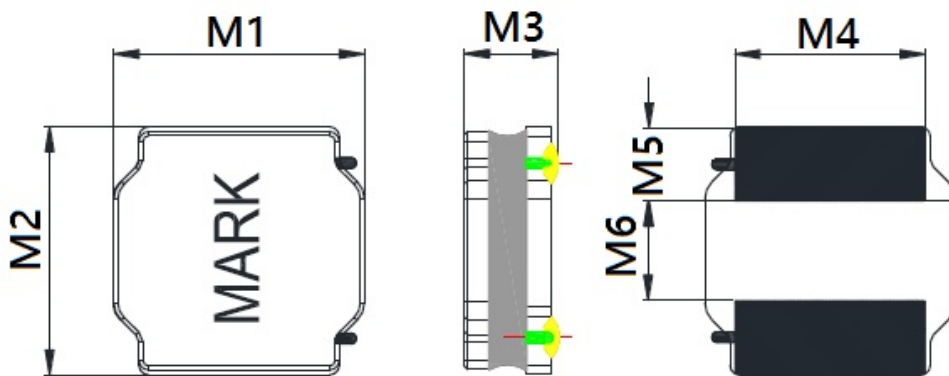
※This is a RoHS and REACH compliant product whose related documents are available on request.

※Graphic is only for dimensionally application.

1. PART NUMBER IDENTIFICATION



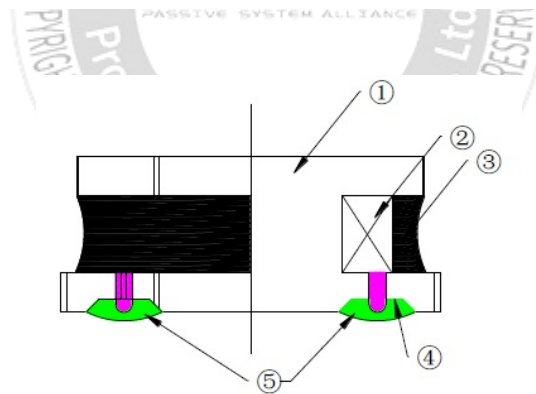
2. MECHANICAL DIMENSION



UNIT : mm

	DIM.	TOL.
M1	5.0	±0.2
M2	5.0	±0.2
M3	2.2	MAX.
M4	4.0	±0.3
M5	1.45	±0.3
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.
CSME0520D-1R0N-LRH	1R0	1.0	21	4.00	3.60
CSME0520D-1R5N-LRH	1R5	1.5	26	3.35	3.20
CSME0520D-2R2N-LRH	2R2	2.2	35	2.90	2.90
CSME0520D-3R3N-LRH	3R3	3.3	48	2.40	2.40
CSME0520D-4R7M-LRH	4R7	4.7	60	2.00	2.00
CSME0520D-6R8M-LRH	6R8	6.8	90	1.60	1.65
CSME0520D-100M-LRH	100	10	120	1.30	1.45
CSME0520D-150M-LRH	150	15	165	1.10	1.20
CSME0520D-220M-LRH	220	22	260	0.90	1.00
CSME0520D-680M-LRH	680	68	850	0.70	0.53

□ TOLERANCE : M:±20%、N:±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.

