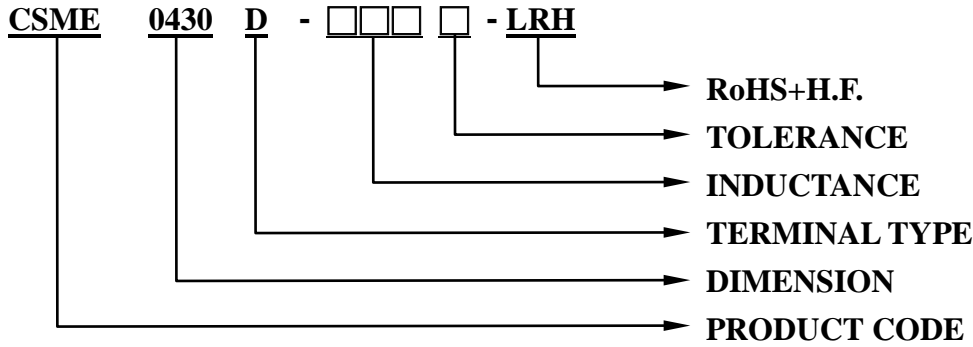


# SPECIFICATION FOR APPROVAL

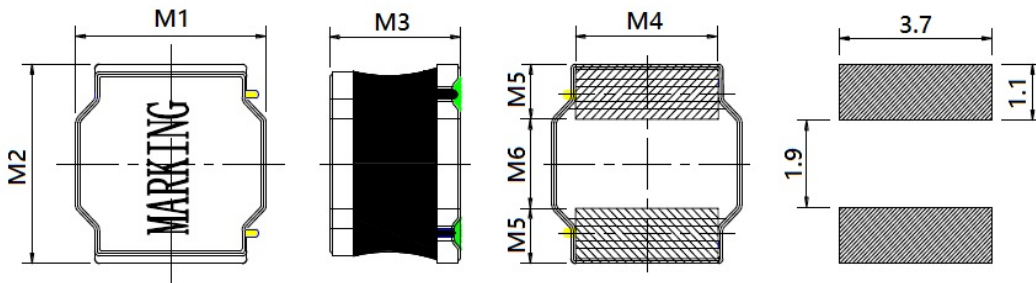
※This is a RoHS and REACH compliant product whose related documents are available on request.  
 ※Graphic is only for dimensionally application.

## 1. PART NUMBER IDENTIFICATION



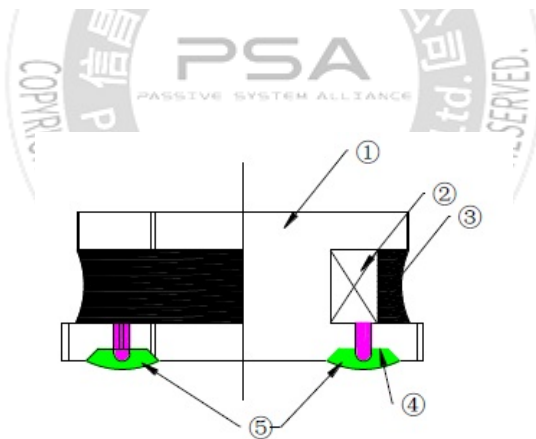
## 2. MECHANICAL DIMENSION

UNIT : mm



	DIM.	TOL.
M1	4.0	±0.2
M2	4.0	±0.2
M3	3.0	MAX.
M4	3.3	±0.3
M5	1.0	±0.2
M6	2.0	±0.3

## 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	Marking	Inductance (μH)	Inductance Tolerance	DC Resistance (mΩ) ±30%.	Isat (A)	Irms (A)
CSME0430D-R47N-LRH	R47	0.47	±30%	11	7.50	3.50
CSME0430D-1R0N-LRH	1R0	1.0	±30%	15	5.90	3.40
CSME0430D-1R5N-LRH	1R5	1.5	±30%	25	4.85	3.30
CSME0430D-1R8N-LRH	1R8	1.8	±30%	30	4.25	3.20
CSME0430D-2R2M-LRH	2R2	2.2	±20%	35	4.10	2.95
CSME0430D-3R3M-LRH	3R3	3.3	±20%	40	3.30	2.40
CSME0430D-3R6M-LRH	3R6	3.6	±20%	53	3.10	2.30
CSME0430D-3R9M-LRH	3R9	3.9	±20%	57	3.00	2.10
CSME0430D-4R7M-LRH	4R7	4.7	±20%	60	2.90	2.00
CSME0430D-5R6M-LRH	5R6	5.6	±20%	70	2.75	1.95
CSME0430D-6R8M-LRH	6R8	6.8	±20%	75	2.60	1.70
CSME0430D-7R5M-LRH	7R5	7.5	±20%	90	2.20	1.65
CSME0430D-8R2M-LRH	8R2	8.2	±20%	100	2.10	1.60
CSME0430D-100M-LRH	100	10	±20%	115	1.95	1.50
CSME0430D-120M-LRH	120	12	±20%	140	1.70	1.35
CSME0430D-150M-LRH	150	15	±20%	190	1.65	1.15
CSME0430D-180M-LRH	180	18	±20%	215	1.40	1.10
CSME0430D-220M-LRH	220	22	±20%	225	1.30	1.00
CSME0430D-330M-LRH	330	33	±20%	330	1.10	0.84
CSME0430D-470M-LRH	470	47	±20%	500	0.90	0.72
CSME0430D-560M-LRH	560	56	±20%	560	0.85	0.65
CSME0430D-680M-LRH	680	68	±20%	750	0.75	0.55
CSME0430D-820M-LRH	820	82	±20%	950	0.68	0.50
CSME0430D-101M-LRH	101	100	±20%	1150	0.60	0.45
CSME0430D-151M-LRH	151	150	±20%	2350	0.50	0.35
CSME0430D-181M-LRH	181	180	±20%	2500	0.40	0.35

Note:

1. Inductance: @100KHz,0.25V

2. Test Machine: HIOKI3532-50 OR EQUIVALENT

3. DC Resistance: HIOKI 3540 OR EQUIVALENT

4. ISAT / IRISE: HP4284+42841A OR EQUIVALENT

5. Isat (A): DC Saturation Current that will cause initial inductance to drop approximately 30% max.

6. Irms (A): DC Current that will cause an approximate ΔT of 40°C

※MSL: LEVEL 1.