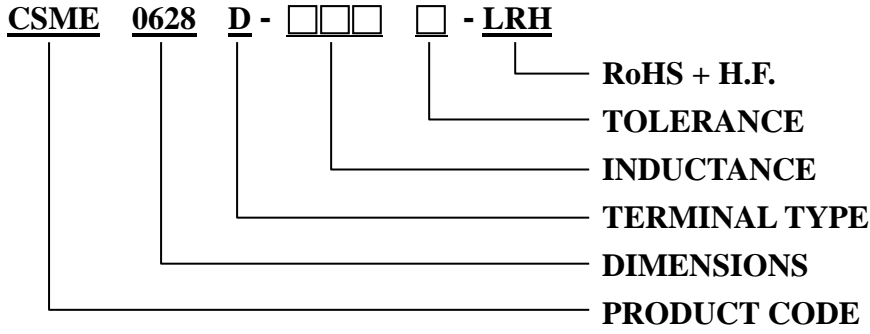


# SPECIFICATION FOR APPROVAL

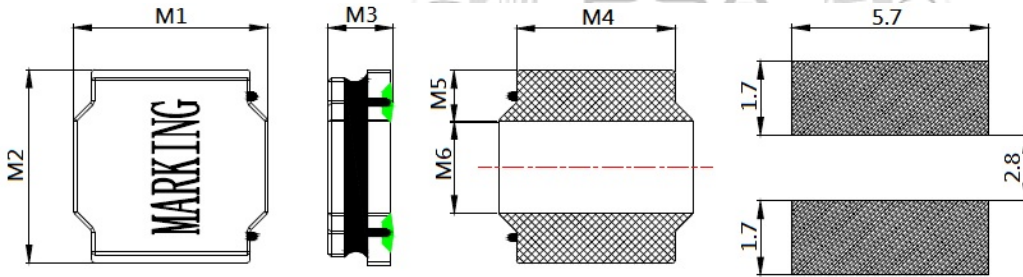
※This is a RoHS and REACH compliant product whose related documents are available on request.

※Graphic is only for dimensionally application.

## 1. PART NUMBERING IDENTIFICATION



## 2. MECHANICAL DIMENSION

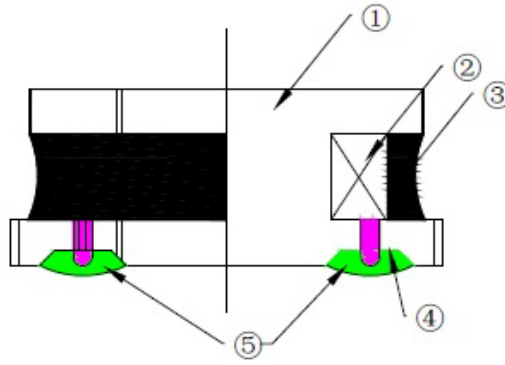


UNIT: mm

	DIM.	TOL.
M1	6.00	±0.3
M2	6.00	±0.3
M3	2.80	MAX.
M4	4.90	±0.3
M5	1.55	±0.3
M6	2.90	±0.3

# SPECIFICATION FOR APPROVAL

## 3 STRUCTURE



## 4. MATERIAL LIST

NO.	Part name	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 $\mu$ m Ni 1-3 $\mu$ m Sn 3-7 $\mu$ m
5	Outer Electrodes	Top surface solder coating Sn99%, Ag0.3%, Cu0.7%

# SPECIFICATION FOR APPROVAL

## 5. ELECTRICAL SPECIFICATION

Part number	Inductance (μH)	Inductance Tolerance	Test Frequency (KHz/V)	DC Resistance (mΩ) ±30%	Isat (A)	Irms (A)	Marling
CSME0628D-R90N-LRH	0.9	±30%	100/0.25	13	6.70	4.60	R90
CSME0628D-1R5N-LRH	1.5	±30%	100/0.25	16	5.10	4.20	1R5
CSME0628D-2R2N-LRH	2.2	±30%	100/0.25	20	4.20	3.70	2R2
CSME0628D-3R0N-LRH	3.0	±30%	100/0.25	23	3.60	3.40	3R0
CSME0628D-4R7M-LRH	4.7	±20%	100/0.25	31	2.70	3.00	4R7
CSME0628D-6R0M-LRH	6.0	±20%	100/0.25	40	2.50	2.50	6R0
CSME0628D-100M-LRH	10	±20%	100/0.25	65	1.90	1.90	100
CSME0628D-150M-LRH	15	±20%	100/0.25	95	1.60	1.80	150
CSME0628D-220M-LRH	22	±20%	100/0.25	135	1.30	1.40	220
CSME0628D-330M-LRH	33	±20%	100/0.25	220	1.10	1.10	330
CSME0628D-470M-LRH	47	±20%	100/0.25	300	1.00	0.92	470
CSME0628D-680M-LRH	68	±20%	100/0.25	420	0.80	0.77	680
CSME0628D-101M-LRH	100	±20%	100/0.25	600	0.65	0.66	101

**NOTE:**

1. Isat: DC Saturation Current that will cause initial inductance to drop approximately 30% max.
2. Irms: DC Current that will cause an approximate ΔT of 40°C
3. MSL: Level 1

