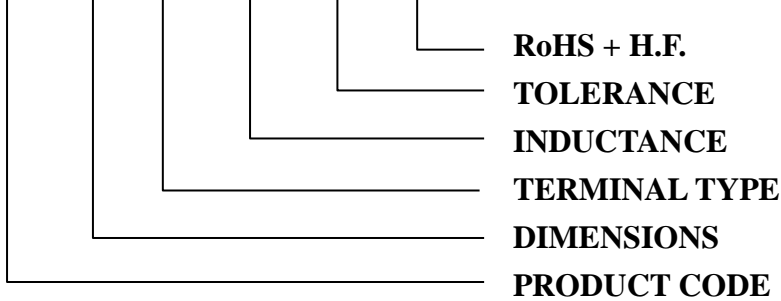


# SPECIFICATION FOR APPROVAL

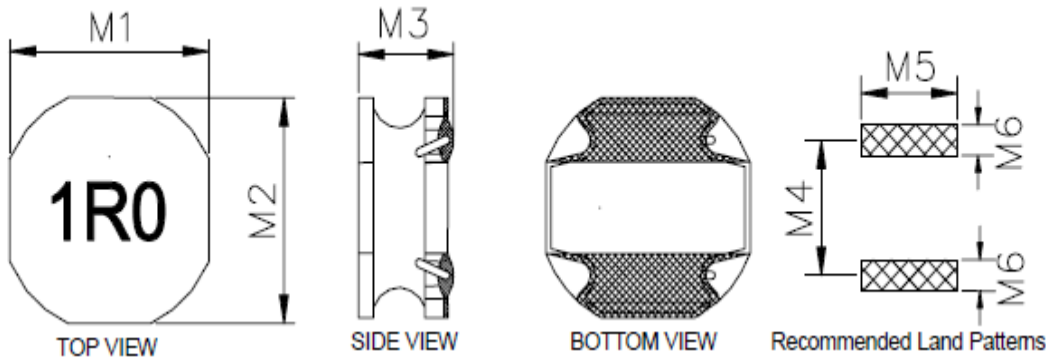
※This is a RoHS and REACH compliant product whose related documents are available on request.  
 ※Graphic is only for dimensionally application.

## 1. PART NUMBERING IDENTIFICATION

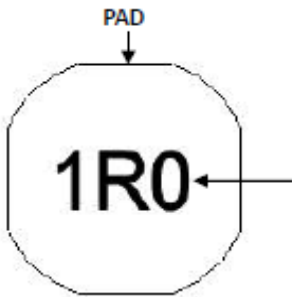
**CSM 0840 D - □□□ □ - LRH**



## 2. MECHANICAL DIMENSION

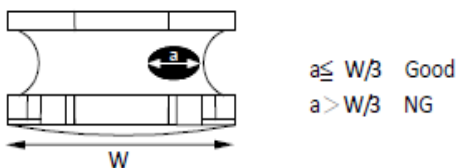


## 3. MARKING



**Marking Direction: PAD on the left and right sides, font facing up.**  
**Example: 1R0 Stands for Marking → 1.0μH**

※VOID APPEARANCE TOLERANCE LIMIT:



# SPECIFICATION FOR APPROVAL

## 4. ELECTRICAL SPECIFICATION

Part number	MARK	Inductance (μH)	Inductance Tolerance	DC Resistance (mΩ) MAX.	I sat (A) TYP.	I rms (A) TYP.
CSM0840D-R90□-LRH	R90	0.90	N	8.50	12.00	8.00
CSM0840D-1R4□-LRH	1R4	1.40	N	11.00	10.80	7.80
CSM0840D-2R0□-LRH	2R0	2.00	M、N	13.20	9.00	7.40
CSM0840D-2R2□-LRH	2R2	2.20	M、N	15.60	7.50	6.00
CSM0840D-3R3□-LRH	3R3	3.30	M、N	19.50	7.00	5.10
CSM0840D-3R6□-LRH	3R6	3.60	M、N	19.50	6.00	4.90
CSM0840D-4R7□-LRH	4R7	4.70	M、N	23.40	5.50	4.60
CSM0840D-5R1□-LRH	5R1	5.10	M、N	24.70	4.70	4.05
CSM0840D-6R2□-LRH	6R2	6.20	M、N	27.30	4.45	3.85
CSM0840D-6R8□-LRH	6R8	6.80	M、N	31.20	5.00	4.40
CSM0840D-100□-LRH	100	10.0	M、N	45.00	4.00	3.80
CSM0840D-150□-LRH	150	15.0	M、N	61.10	3.00	2.80
CSM0840D-220□-LRH	220	22.0	M、N	85.50	2.80	2.60
CSM0840D-330□-LRH	330	33.0	M、N	120.00	2.00	1.80
CSM0840D-470□-LRH	470	47.0	M、N	176.80	1.90	1.75
CSM0840D-680□-LRH	680	68.0	M、N	246.00	1.70	1.45
CSM0840D-101□-LRH	101	100.0	M、N	377.00	1.10	1.10

□TOLERANCE: M=±20% / N=±30%

### NOTE:

1. Test Freq.: 100KHz, 1.0V
2. Test Instrument: CHROMA 3302/1320/16502/ HP-4291B
3. Isat: Based on inductance decrease 30% MAX.(at 20°C)
4. Irms: Based on temperature increase 40°C.(at 20°C)
5. Operating temperature range : -25°C to 125°C (including self-temperature rise)
6. Storage temperature range : -40°C to +85°C
7. MSL: Level 1

## 5. ELECTRICAL CURVE

