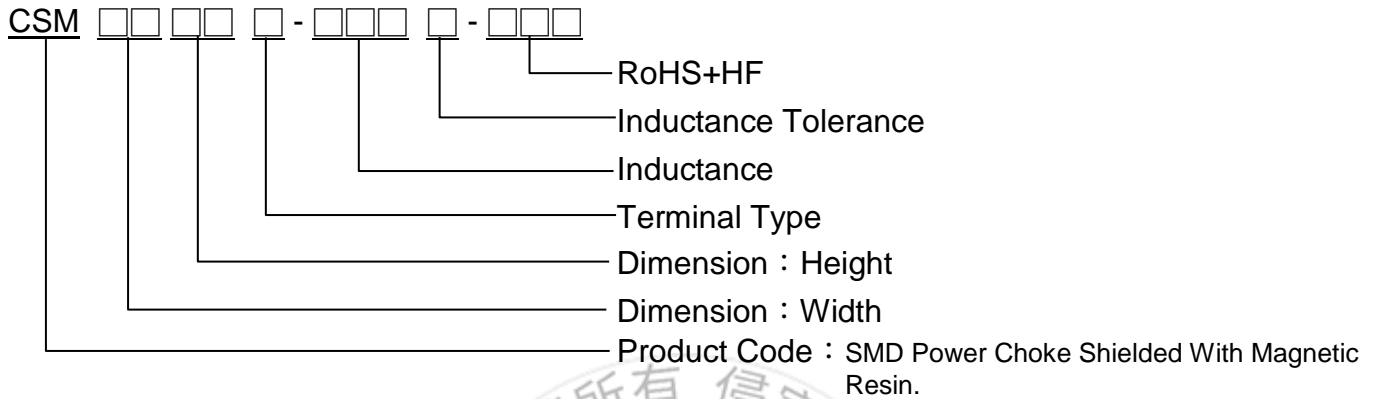


SPECIFICATION FOR APPROVAL

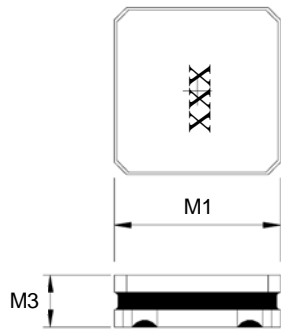
※This is a RoHS and REACH compliant product whose related documents are available on request.
 ※Graphic is only for dimensionally application.

★Scope: This specification applies to coated resin choke.

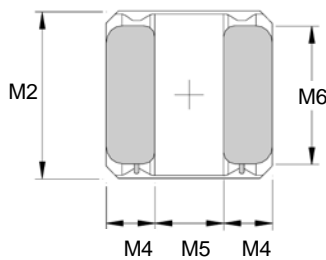
1. PART NUMBER IDENTIFICATION



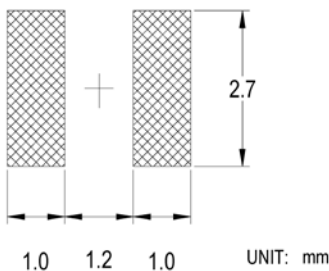
2. MECHANICAL DIMENSIONS : (Unit: mm)



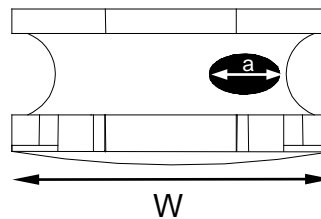
Package Size	M1	M2	M3	M4	M5	M6
CSM0315D	3.0±0.1	3.0±0.1	1.5 MAX.	0.9±0.2	1.2±0.2	2.7 TYP.



Recommended Land Pattern



※Void appearance tolerance limit



$a \leq W/3$ Good
 $a > W/3$ NG

SPECIFICATION FOR APPROVAL

3. ELECTRICAL SPECIFICATIONS

Part number	MARK	Inductance (μ H)	Test Frequency (MHz)	DC Resistance (Ω) Max.	Isat (A)	Irms (A)	Tolerance
CSM0315D-1R0N-LRH	1R0	1.0	1	0.048	2.10	2.10	30%
CSM0315D-1R5N-LRH	1R5	1.5	1	0.066	1.80	1.90	
CSM0315D-2R2M-LRH	2R2	2.2	1	0.072	1.48	1.60	20%
CSM0315D-3R3M-LRH	3R3	3.3	1	0.112	1.21	1.45	
CSM0315D-4R7M-LRH	4R7	4.7	1	0.136	1.08	1.25	
CSM0315D-6R8M-LRH	6R8	6.8	1	0.211	0.90	0.90	
CSM0315D-100M-LRH	100	10	1	0.276	0.75	0.87	
CSM0315D-150M-LRH	150	15	1	0.422	0.58	0.65	
CSM0315D-220M-LRH	220	22	1	0.622	0.47	0.55	
CSM0315D-330M-LRH	330	33	1	0.959	0.39	0.45	
CSM0315D-470M-LRH	470	47	1	1.406	0.32	0.40	
CSM0315D-101M-LRH	101	100	1	2.920	0.23	0.25	

1. Test Frequency: 1MHz, 1V

2. Test Equipment:

L: CHROMA-3302+1320. or equivalent.

RDC: CH16502BC or equivalent.

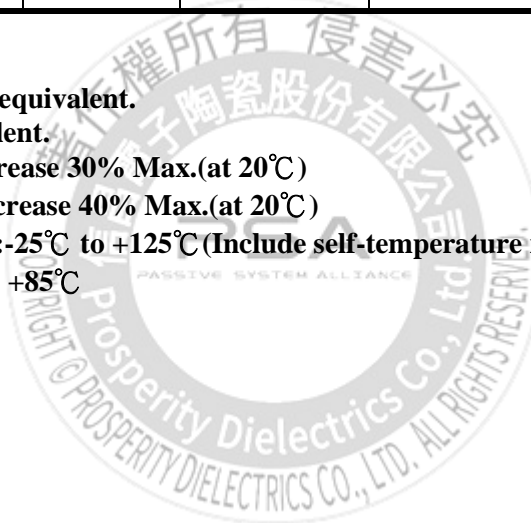
3. Isat: Based on inductance decrease 30% Max.(at 20°C)

4. Irms: Base on temperature increase 40% Max.(at 20°C)

5. Operating temperature range: -25°C to +125°C (Include self-temperature rise)

6. Storage temperature: -40°C to +85°C

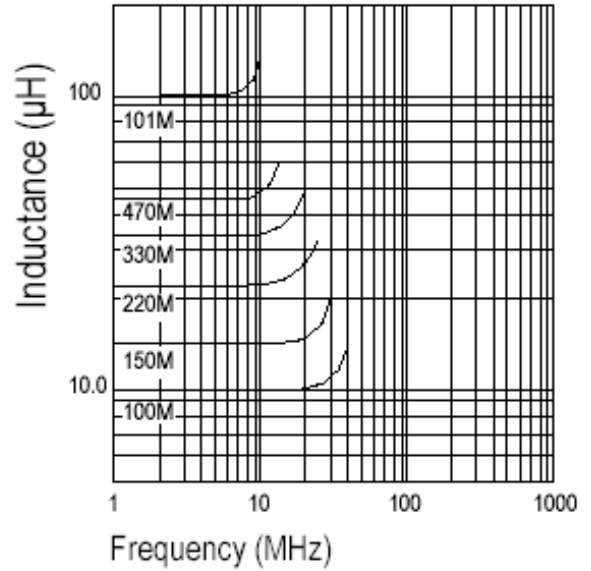
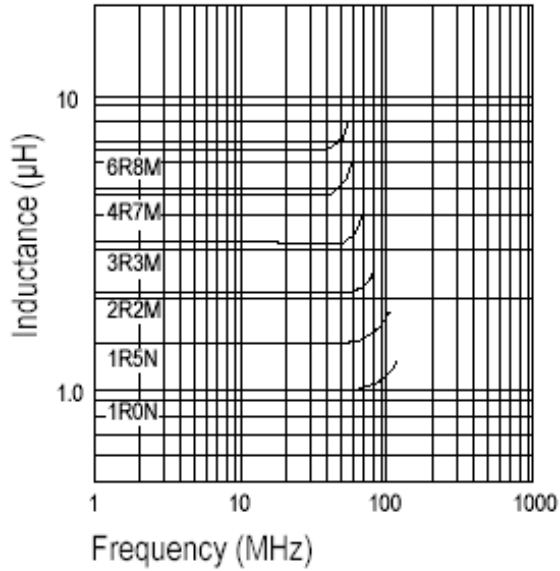
7. MSL: LEVEL 1



SPECIFICATION FOR APPROVAL

4. ELECTRICAL CURVE

L vs Frequency



L vs Current

