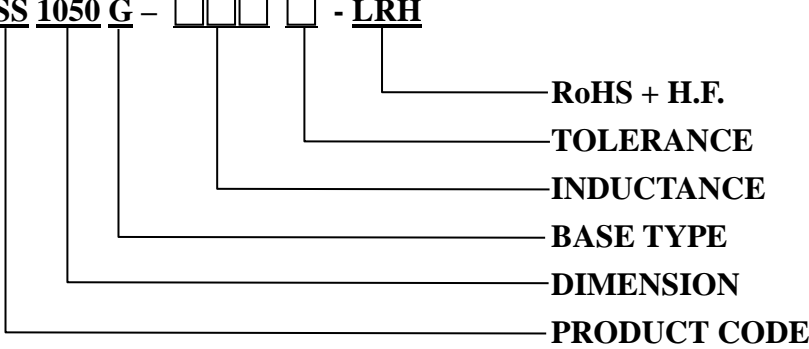


SPECIFICATION FOR APPROVAL

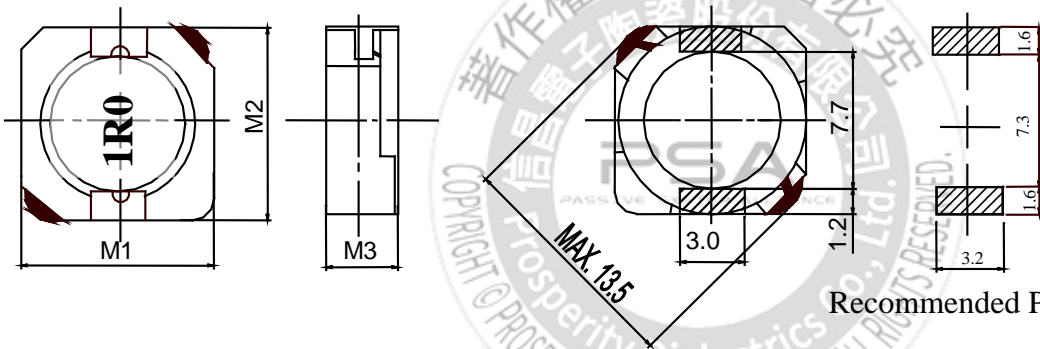
※This is a RoHS and REACH compliant product whose related documents are available on request.
 ※Graphic is only for dimensionally application.

1. PART NUMBER IDENTIFICATION

CSS 1050 G - [] [] [] - LRH



2. MECHANICAL DIMENSION

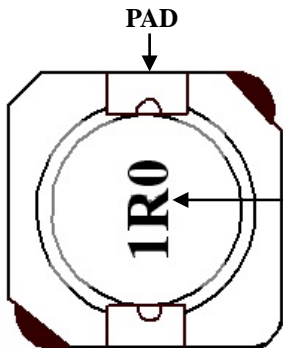


UNIT : mm

	DIM.	TOL.
M1	10.3	MAX.
M2	10.5	MAX.
M3	5.1	MAX.

Recommended Patterns

3. MARKING



Marking Direction: PAD is on the upper and lower sides, the font is facing left and centered.

Example: 1R0 Stands for Marking → 1.0μH

SPECIFICATION FOR APPROVAL

4. ELECTRICAL SPECIFICATION

Part number	Marking	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ) MAX.	Isat (A)	Rated Current (A)
CSS1050G-R80N-LRH	R80	0.8	100	4.3	13.5	9.5
CSS1050G-1R5N-LRH	1R5	1.5	100	5.8	10.5	8.3
CSS1050G-2R2N-LRH	2R2	2.2	100	7.2	9.25	7.5
CSS1050G-3R3N-LRH	3R3	3.3	100	10.4	7.80	6.5
CSS1050G-4R7N-LRH	4R7	4.7	100	12.3	6.4	6.1
CSS1050G-6R8N-LRH	6R8	6.8	100	18.0	5.4	5.4
CSS1050G-8R2N-LRH	8R2	8.2	100	20	4.85	5.0
CSS1050G-100N-LRH	100	10	100	26	4.45	4.5
CSS1050G-120N-LRH	120	12	100	33	4.0	3.8
CSS1050G-150N-LRH	150	15	100	41	3.6	3.4
CSS1050G-180N-LRH	180	18	100	46	3.2	3.1
CSS1050G-220N-LRH	220	22	100	61	2.95	2.9
CSS1050G-270N-LRH	270	27	100	69	2.7	2.6
CSS1050G-330□-LRH	330	33	100	84	2.4	2.5
CSS1050G-390N-LRH	390	39	100	106	2.3	2.25
CSS1050G-470N-LRH	470	47	100	130	2.0	2.0
CSS1050G-560N-LRH	560	56	100	149	1.9	1.9
CSS1050G-680N-LRH	680	68	100	201	1.65	1.6
CSS1050G-820N-LRH	820	82	100	227	1.5	1.45
CSS1050G-101N-LRH	101	100	100	253	1.35	1.35
CSS1050G-121N-LRH	121	120	100	303	1.28	1.18
CSS1050G-151N-LRH	151	150	100	370	1.12	1.1
CSS1050G-181N-LRH	181	180	100	419	1.04	1.0
CSS1050G-221N-LRH	221	220	100	500	0.94	0.94
CSS1050G-271N-LRH	271	270	100	672	0.84	0.8
CSS1050G-331N-LRH	331	330	100	812	0.75	0.73
CSS1050G-391N-LRH	391	390	100	953	0.7	0.7
CSS1050G-471N-LRH	471	470	100	1289	0.6	0.54
CSS1050G-561N-LRH	561	560	100	1430	0.54	0.52
CSS1050G-681N-LRH	681	680	100	1599	0.52	0.51
CSS1050G-821N-LRH	821	820	100	1768	0.5	0.48
CSS1050G-102N-LRH	102	1000	100	1989	0.48	0.42

1. □Tolerance: N: ±30%, M: ±20%
2. Operating temperature range : -25°C to +125°C.
3. Storage temperature range:-25°C to +85°C.
3. Inductance measured using the HP4284A LCR meter, CHROMA1320 & 3302 & 16502.
4. DCR measured using the 502BC milli-ohm meter.
5. Inductance drops no more than 35%(REF) of initial value at Isat ,temperature rises $\Delta t < 40^{\circ}\text{C}$ at rated current.
6. MSL : LEVEL 1.