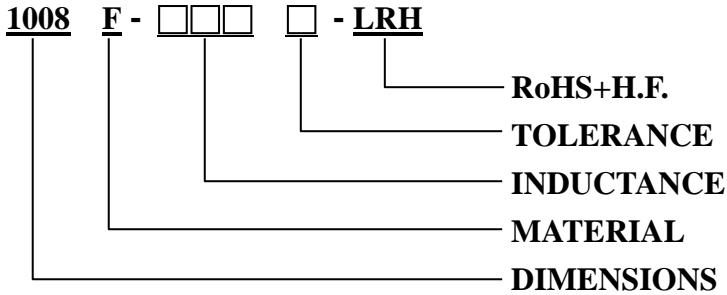


SPECIFICATION FOR APPROVAL

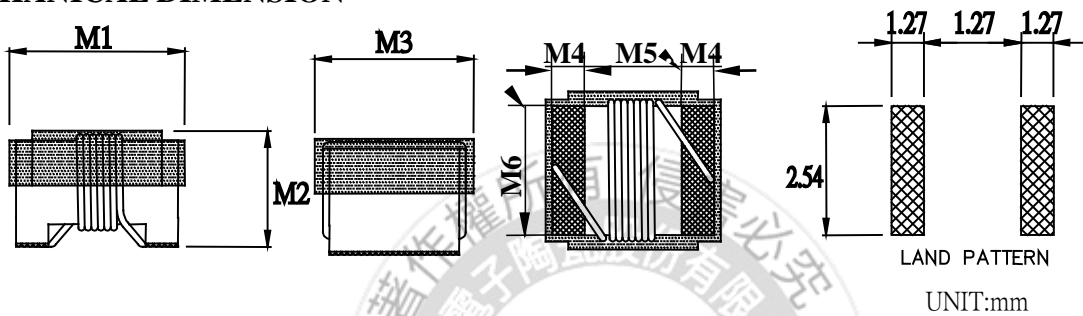
※This is a RoHS and REACH compliant product whose related documents are available on request.
 ※Graphic is only for dimensionally application.

1. SCOPE: THIS SPECIFICATION APPLIES TO WIRE WOUND CHIP INDUCTORS.

2. PART NUMBER IDENTIFICATION



3. MECHANICAL DIMENSION

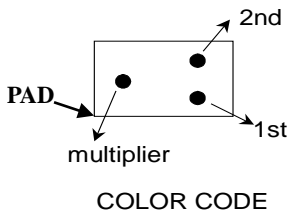


SERIES	M1	M2	M3	M4	M5	M6
1008F-XXXX-LRH	2.92 MAX.	1.83±0.2	2.59±0.2	0.50±0.05	1.51±0.05	2.03±0.05

4. RATING TEMPERATURE

OPERATING TEMPERATURE RANGE: -25°C TO +125°C.
STORAGE TEMPERATURE RANGE: COMPONENT: -25°C TO +85°C.

5. MARKING



Marking Direction: PAD on the left and right sides, color code 1st and 2nd on the right, color code 3 multiplier on the left.

Example: 1008F-2R7 -LRH

MARKING: Dots 1st and 2nd indicate the inductance in nano Henries.
 (DOTS 1st: RED , DOTS 2nd: VIOLET)
 Dots 3 indicates number of zeroes to be added.
 (DOTS 3multiplier: RED)

MARK COLOR CODE IN COMPOSITE SPECIFICATION 9

SPECIFICATION FOR APPROVAL

6. ELECTRICAL SPECIFICATION

Part number	Inductance (μ H)	Test Frequency (MHz)	Inductance Tolerance	Q MIN.	Test Frequency (MHz)	SRF (MHz) MIN.	DC Resistance (Ω) MAX.	Irms (mA)	COLOR CODE		
									1st	2nd	multiplier
1008F-47N□-LRH	0.047	50	K,J	50	50	1800	0.045	650	Yellow	Violet	Black
1008F-68N□-LRH	0.068	50	K,J	50	50	1800	0.045	650	Blue	Gray	Black
1008F-82N□-LRH	0.082	50	K,J	50	50	1800	0.035	1000	Gray	Red	Black
1008F-R10□-LRH	0.10	50	K,J,H	50	50	1800	0.196	700	Brown	Black	Brown
1008F-R18□-LRH	0.18	50	K,J	50	50	1000	0.290	700	Brown	Gray	Brown
1008F-R20□-LRH	0.20	50	K,J	50	50	900	0.285	700	Red	Black	Brown
1008F-R24□-LRH	0.24	50	K,J	50	50	900	0.135	700	Red	Yellow	Brown
1008F-R56□-LRH	0.56	7.9	K,J	40	50	460	0.300	700	Green	Blue	Brown
1008F-R68□-LRH	0.68	7.9	K,J	27	50	400	0.320	700	Blue	Gray	Brown
1008F-1R0□-LRH	1.0	50	K,J	50	50	380	0.620	650	Brown	Black	Red
1008F-1R2□-LRH	1.2	7.9	K,J	48	50	210	0.68	650	Brown	Red	Red
1008F-1R5□-LRH	1.5	7.9	K,J	41	50	190	0.76	630	Brown	Green	Red
1008F-1R8□-LRH	1.8	7.9	K,J	39	50	170	0.84	600	Brown	Gray	Red
1008F-2R2□-LRH	2.2	7.9	K,J	34	50	150	1.10	520	Red	Red	Red
1008F-2R7□-LRH	2.7	7.9	K,J	34	50	135	1.28	490	Red	Violet	Red
1008F-3R3□-LRH	3.3	7.9	K,J	32	50	120	1.46	450	Orange	Orange	Red
1008F-3R9□-LRH	3.9	7.9	K,J	32	7.9	105	1.56	420	Orange	White	Red
1008F-4R3□-LRH	4.3	7.9	K,J	30	7.9	85	1.70	400	Yellow	Orange	Red
1008F-4R7□-LRH	4.7	7.9	K,J	31	7.9	90	1.68	400	Yellow	Violet	Red
1008F-5R6□-LRH	5.6	7.9	K,J	31	7.9	80	1.82	380	Green	Blue	Red
1008F-6R8□-LRH	6.8	7.9	K,J	31	7.9	70	2.00	360	Blue	Gray	Red
1008F-8R2□-LRH	8.2	7.9	K,J	23	7.9	65	2.65	330	Gray	Red	Red
1008F-100□-LRH	10.0	7.9	K,J	31	7.9	60	2.95	300	Brown	Black	Orange
1008F-120□-LRH	12.0	7.9	K,J	30	7.9	50	3.35	270	Brown	Red	Orange
1008F-150□-LRH	15.0	7.9	K,J	38	7.9	50	3.04	250	Brown	Green	Orange
1008F-220□-LRH	22.0	2.52	K,J	10	2.52	10	2.80	120	Red	Red	Orange

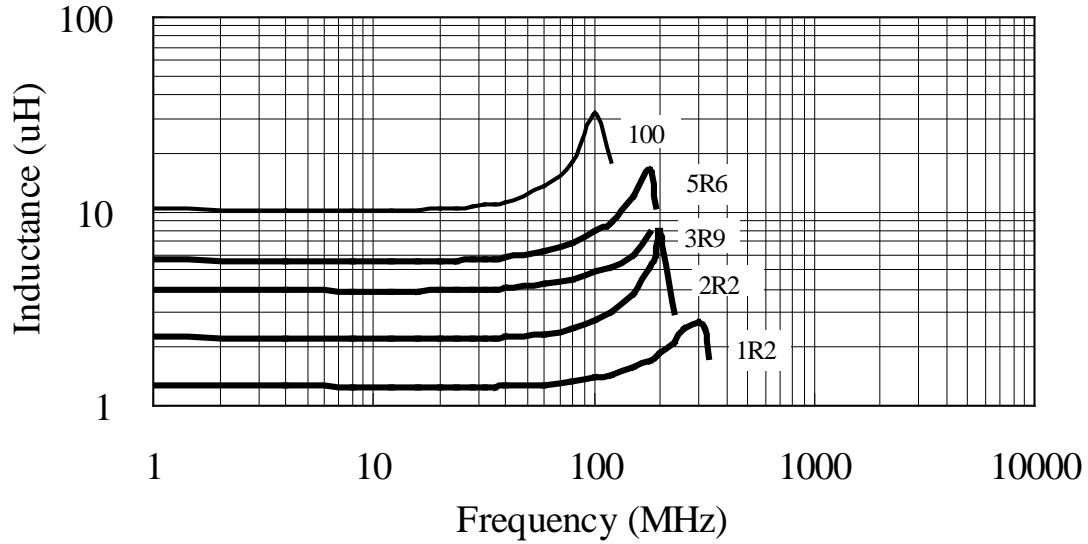
NOTE:

1. □ Tolerance: M:±20% , K:±10%, J:±5%, H:±3%
2. MSL: Level 1

SPECIFICATION FOR APPROVAL

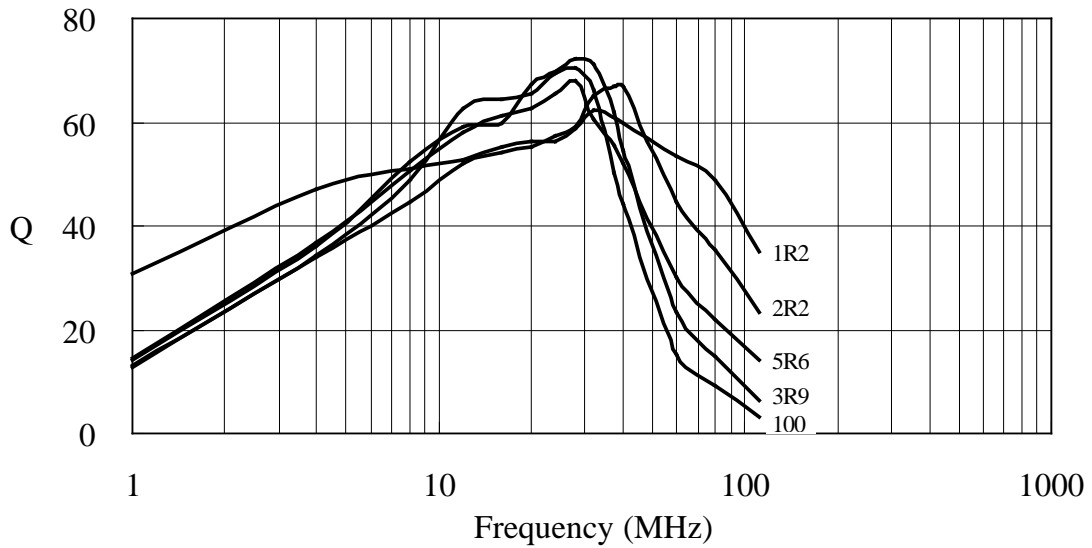
7. CHARACTERISTIC CURVE

Inductance vs. Frequency



1008F

Typical Q vs. Frequency



1008F