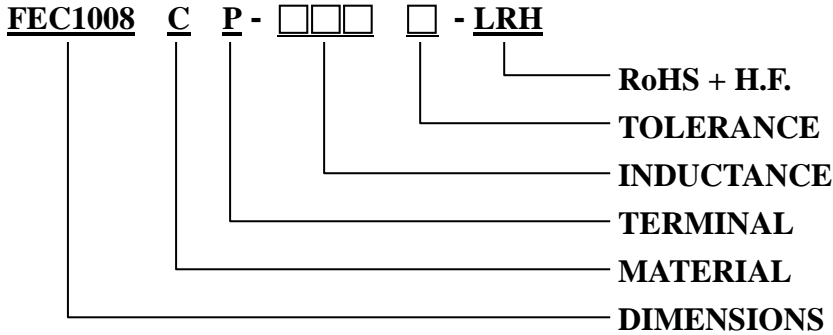


SPECIFICATION FOR APPROVAL

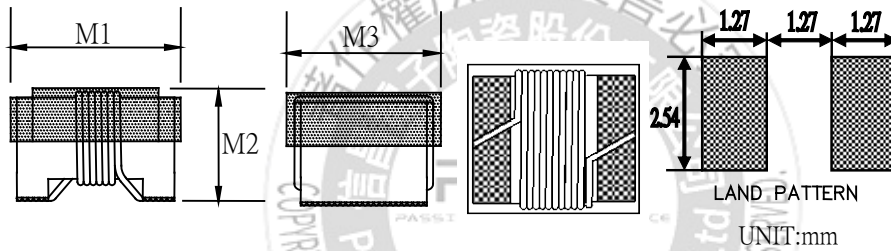
※This is a RoHS and REACH compliant product whose related documents are available on request.
 ※Graphic is only for dimensionally application.

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

2. PART NUMBER IDENTIFICATION



3. MECHANICAL DIMENSION



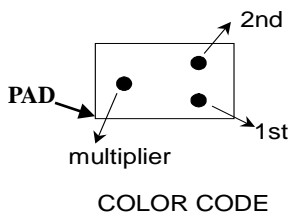
SERIES	M1	M2		M3
FEC1008CP	2.92(MAX)	5N6~R91	2.02(MAX)	2.79(MAX)
		1R0~150	2.10(MAX)	

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: FEC1008CP-10N□-LRH

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

MARK COLOR CODE IN COMPOSITE ELECTRICAL SPECIFICATION

SPECIFICATION FOR APPROVAL

6. ELECTRICAL SPECIFICATION

Part number	Inductance (nH)	Test Frequency (MHz)	Inductance Tolerance	Q MIN.	Test Frequency (MHz)	SRF (MHz) MIN.	DC Resistance (Ω) MAX.	Irms (mA)	COLOR CODE		
									1st	2nd	multiplier
FEC1008CP-5N6□-LRH	5.6	50	K, J	50	1500	4000	0.15	1000	Green	Blue	White
FEC1008CP-10N□-LRH	10	50	K, J	50	500	4100	0.08	1000	Brown	Black	Black
FEC1008CP-12N□-LRH	12	50	K, J	50	500	3300	0.09	1000	Brown	Red	Black
FEC1008CP-15N□-LRH	15	50	K, J	50	500	2500	0.10	1000	Brown	Green	Black
FEC1008CP-18N□-LRH	18	50	K, J, G	50	350	2500	0.11	1000	Brown	Gray	Black
FEC1008CP-22N□-LRH	22	50	K, J, G	55	350	2400	0.12	1000	Red	Red	Black
FEC1008CP-24N□-LRH	24	50	K, J, G	50	350	1900	0.13	1000	Red	Yellow	Black
FEC1008CP-27N□-LRH	27	50	K, J, G	55	350	1600	0.13	1000	Red	Violet	Black
FEC1008CP-33N□-LRH	33	50	K, J, G	60	350	1600	0.14	1000	Orange	Orange	Black
FEC1008CP-36N□-LRH	36	50	K, J, G	60	350	1600	0.15	1000	Orange	Blue	Black
FEC1008CP-39N□-LRH	39	50	K, J, G	60	350	1500	0.15	1000	Orange	White	Black
FEC1008CP-47N□-LRH	47	50	K, J, G	65	350	1500	0.16	1000	Yellow	Violet	Black
FEC1008CP-56N□-LRH	56	50	K, J, G	65	350	1300	0.18	1000	Green	Blue	Black
FEC1008CP-68N□-LRH	68	50	K, J, G	65	350	1300	0.20	1000	Blue	Gray	Black
FEC1008CP-82N□-LRH	82	50	K, J, G	60	350	1000	0.22	1000	Gray	Red	Black
FEC1008CP-R10□-LRH	100	25	K, J, G	60	350	1000	0.56	650	Brown	Black	Brown
FEC1008CP-R12□-LRH	120	25	K, J, G	60	350	950	0.63	650	Brown	Red	Brown
FEC1008CP-R15□-LRH	150	25	K, J, G	45	100	850	0.70	580	Brown	Green	Brown
FEC1008CP-R18□-LRH	180	25	K, J, G	45	100	750	0.77	620	Brown	Gray	Brown
FEC1008CP-R20□-LRH	200	25	K, J, G	50	100	750	0.81	500	Red	Black	Brown
FEC1008CP-R22□-LRH	220	25	K, J, G	45	100	700	0.84	500	Red	Red	Brown
FEC1008CP-R24□-LRH	240	25	K, J, G	50	100	650	0.84	500	Red	Yellow	Brown
FEC1008CP-R27□-LRH	270	25	K, J, G	45	100	600	0.91	500	Red	Violet	Brown
FEC1008CP-R30□-LRH	300	25	K, J, G	45	100	585	1.05	660	Orange	Black	Brown
FEC1008CP-R33□-LRH	330	25	K, J, G	45	100	570	1.05	450	Orange	Orange	Brown
FEC1008CP-R36□-LRH	360	25	K, J, G	45	100	530	1.05	660	Orange	Blue	Brown
FEC1008CP-R39□-LRH	390	25	K, J, G	45	100	500	1.12	470	Orange	White	Brown
FEC1008CP-R43□-LRH	430	25	K, J, G	45	100	480	1.19	600	Yellow	Orange	Brown
FEC1008CP-R47□-LRH	470	25	K, J, G	45	100	450	1.19	470	Yellow	Violet	Brown
FEC1008CP-R56□-LRH	560	25	K, J, G	45	100	415	1.33	400	Green	Blue	Brown
FEC1008CP-R62□-LRH	620	25	K, J, G	45	100	375	1.40	300	Blue	Red	Brown
FEC1008CP-R68□-LRH	680	25	K, J, G	45	100	375	1.47	400	Blue	Gray	Brown
FEC1008CP-R75□-LRH	750	25	K, J, G	45	100	360	1.54	360	Violet	Green	Brown
FEC1008CP-R82□-LRH	820	25	K, J, G	45	100	350	1.61	400	Gray	Red	Brown
FEC1008CP-R91□-LRH	910	25	K, J, G	35	50	320	1.68	380	White	Brown	Brown
FEC1008CP-1R0□-LRH	1000	25	K, J, G	35	50	290	1.75	370	Brown	Black	Red
FEC1008CP-1R2□-LRH	1200	7.9	K, J, G	35	50	250	2.0	310	Brown	Red	Red
FEC1008CP-1R5□-LRH	1500	7.9	K, J, G	28	50	200	2.3	330	Brown	Green	Red
FEC1008CP-1R8□-LRH	1800	7.9	K, J, G	28	50	160	2.6	300	Brown	Gray	Red
FEC1008CP-2R0□-LRH	2000	7.9	K, J, G	25	50	160	2.8	280	Red	Black	Red
FEC1008CP-2R2□-LRH	2200	7.9	K, J, G	28	50	160	2.8	280	Red	Red	Red
FEC1008CP-2R7□-LRH	2700	7.9	K, J, G	22	25	140	3.2	290	Red	Violet	Red
FEC1008CP-3R3□-LRH	3300	7.9	K, J, G	22	25	110	3.4	290	Orange	Orange	Red
FEC1008CP-3R9□-LRH	3900	7.9	K, J, G	20	25	100	3.6	260	Orange	White	Red
FEC1008CP-4R7□-LRH	4700	7.9	K, J, G	20	25	90	4.0	260	Yellow	Violet	Red
FEC1008CP-5R6□-LRH	5600	7.9	K, J	16	7.96	20	4.5	240	Green	Blue	Red
FEC1008CP-8R2□-LRH	8200	7.9	K, J, G	15	7.96	25	6.0	170	Gary	Red	Red
FEC1008CP-100□-LRH	10000	2.52	K, J	15	7.96	20	9.0	150	Brown	Black	Orange
FEC1008CP-120□-LRH	12000	2.52	K, J	15	7.96	18	10.5	130	Brown	Red	Orange
FEC1008CP-150□-LRH	15000	2.52	K, J	15	7.96	15	11.5	120	Brown	Green	Orange

NOTE:

1. □Tolerance: K:±10%、J:±5%、G:±2%
2. MSL: Level 1