

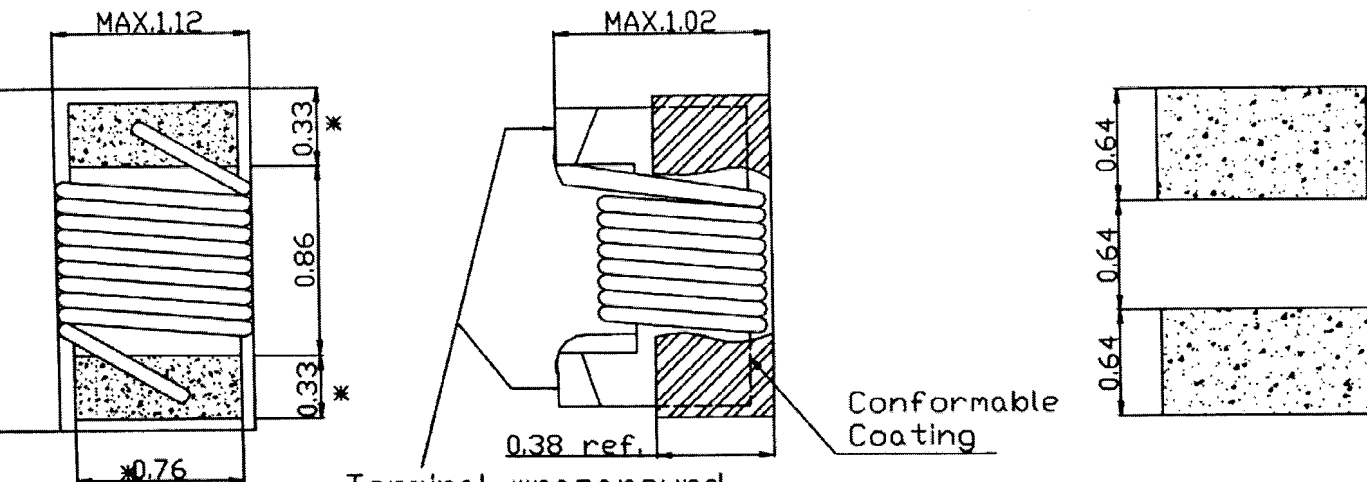
SPECIFICATIONS

TYPE

CCFH 0603 C

1. DIMENSIONS (UNIT : mm)

RECOMMENDED LAND PATTERN DIMENSION (mm)

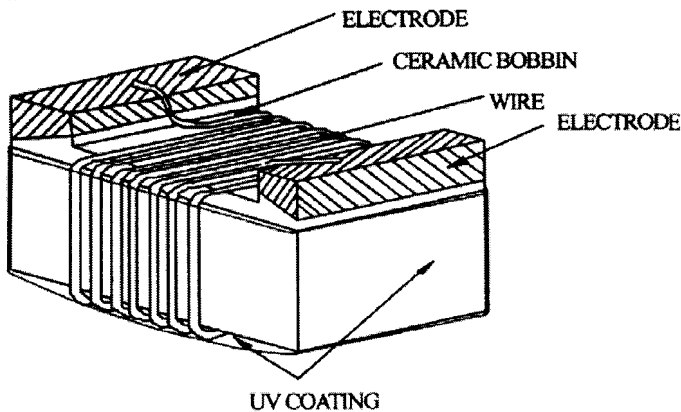


Terminal wraparound
approx 0.381/0.955 both ends

* ELECTRODE DIMENSION

※ TOLERANCE: ±0.1mm

2. FORMATION STRUCTURE



MATERIAL LIST

PARTS	MATERIAL	MANUFACTURER	COUNTRY OF ORIGIN
BOBBIN	CERAMIC (MB-2UAW4-M1S8)	PHONON MEIWA INC.	JAPAN
WIRE	HSEW	JUNG SHING WIRE CO.,LTD.	CHINA (TAIWAN)
		FUJI ELECTRIC WIRE CO.,LTD.	JAPAN
		RIKEN ELECTRIC WIRE CO.,LTD.	JAPAN
UV COATING	UV RESIN(TB1357B)	THREEBOND (HONGKONG)CO.,LTD.	CHINA (HONG KONG)

13th. Dec., 2003			CUST. P/N: _____	CEC. P/N: _____
APPROVAL	CHECK	DESIGN	Refer. To Item3.	
			REMARK	SPEC. NO. 2/6
			LEAD FREE	H500-0202

* SPECIFICATIONS *

TYPE

CCFH 0603 C

3. ELECTRICAL CHARACTERISTICS

No.	PART NO.	Inductance		Q min.	Test Freq. (MHz)	S.R.F. (MHz) min.	DCR (Ω) max.	DCI (mA) max.
		L(nH)	Tolerance ※					
01	CCFH 0603 C 1N6 □	1.6	J, K	24	250	12500	0.030	700
02	CCFH 0603 C 1N8 □	1.8	J, K	16	250	12500	0.045	700
03	CCFH 0603 C 3N3 □	3.3	J, K	25	250	10000	0.050	700
04	CCFH 0603 C 3N6 □	3.6	J, K	22	250	5900	0.063	700
05	CCFH 0603 C 3N9 □	3.9	J, K	22	250	6900	0.080	700
06	CCFH 0603 C 4N3 □	4.3	J, K	22	250	5900	0.063	700
07	CCFH 0603 C 4N7 □	4.7	J, K	20	250	5800	0.130	700
08	CCFH 0603 C 5N1 □	5.1	J, K	20	250	5700	0.140	700
09	CCFH 0603 C 5N6 □	5.6	J, K	25	250	6000	0.100	700
10	CCFH 0603 C 6N8 □	6.8	J, K	27	250	5800	0.110	700
11	CCFH 0603 C 7N5 □	7.5	G, J, K	28	250	4800	0.106	700
12	CCFH 0603 C 8N2 □	8.2	G, J, K	28	250	4600	0.110	700
13	CCFH 0603 C 8N7 □	8.7	G, J, K	28	250	4600	0.109	700
14	CCFH 0603 C 9N5 □	9.5	J, K	28	250	5400	0.135	700
15	CCFH 0603 C 10N □	10	G, J, K	31	250	4800	0.130	700
16	CCFH 0603 C 11N □	11	J, K	33	250	4000	0.107	700
17	CCFH 0603 C 12N □	12	G, J, K	35	250	4000	0.130	700
18	CCFH 0603 C 15N □	15	G, J, K	35	250	4000	0.170	700
19	CCFH 0603 C 16N □	16	G, J, K	34	250	3300	0.134	700
20	CCFH 0603 C 18N □	18	G, J, K	35	250	3100	0.170	700
21	CCFH 0603 C 22N □	22	G, J, K	38	250	3000	0.190	700
22	CCFH 0603 C 24N □	24	G, J, K	37	250	2650	0.190	700
23	CCFH 0603 C 27N □	27	J, K	40	250	2800	0.220	600
24	CCFH 0603 C 30N □	30	G, J, K	37	250	2250	0.187	600
25	CCFH 0603 C 33N □	33	G, J, K	38	250	2300	0.260	600
26	CCFH 0603 C 36N □	36	G, J, K	38	250	2080	0.250	600
27	CCFH 0603 C 39N □	39	G, J, K	40	250	2200	0.250	600
28	CCFH 0603 C 43N □	43	J, K	39	250	2000	0.280	600
29	CCFH 0603 C 47N □	47	G, J, K	38	200	2000	0.280	600
30	CCFH 0603 C 56N □	56	G, J, K	38	200	1900	0.340	600

REMARK

SPEC. NO.

3/6

H500-0202

* SPECIFICATIONS *

TYPE

CCFH 0603 C

ELECTRICAL CHARACTERISTICS

No.	PART NO.	Inductance		Q min.	Test Freq. (MHz)	S.R.F. (MHz) min.	DCR (Ω) max.	DCI (mA) max.
		L(nH)	Tolerance ※					
31	CCFH 0603 C 68N □	68	G, J, K	37	200	1700	0.340	600
32	CCFH 0603 C 72N □	72	G, J, K	34	150	1700	0.490	400
33	CCFH 0603 C 82N □	82	G, J, K	34	150	1700	0.540	400
34	CCFH 0603 C R10 □	100	G, J, K	34	150	1400	0.580	400
35	CCFH 0603 C R11 □	110	G, J, K	32	150	1350	0.720	300
36	CCFH 0603 C R12 □	120	G, J, K	32	150	1300	0.720 \triangle	300
37	CCFH 0603 C R15 □	150	G, J, K	28	150	990	0.920	280
38	CCFH 0603 C R18 □	180	G, J, K	25	100	990	1.65	240
39	CCFH 0603 C R22 □	220	G, J, K	25	100	900	2.10	200
40	CCFH 0603 C R27 □	270	G, J, K	24	100	900	2.30	170
41	CCFH 0603 C R33 □	330	G, J, K	25	100	800	4.30	140
42	CCFH 0603 C R39 □	390	G, J, K	25	100	700	5.70	130

*** Testing instrument and conditions**

DCR : HP 34420A or equivalent

Inductance & Q : HP 4287A & HP16193A or equivalent

S.R.F. : HP 8720ES or equivalent

DCI : Based on a 20°C maximum temperature rise.

Inductance tolerance: G = ±2%, J = ±5%, K = ±10%

REMARK

SPEC. NO.

4/6

H500-0202