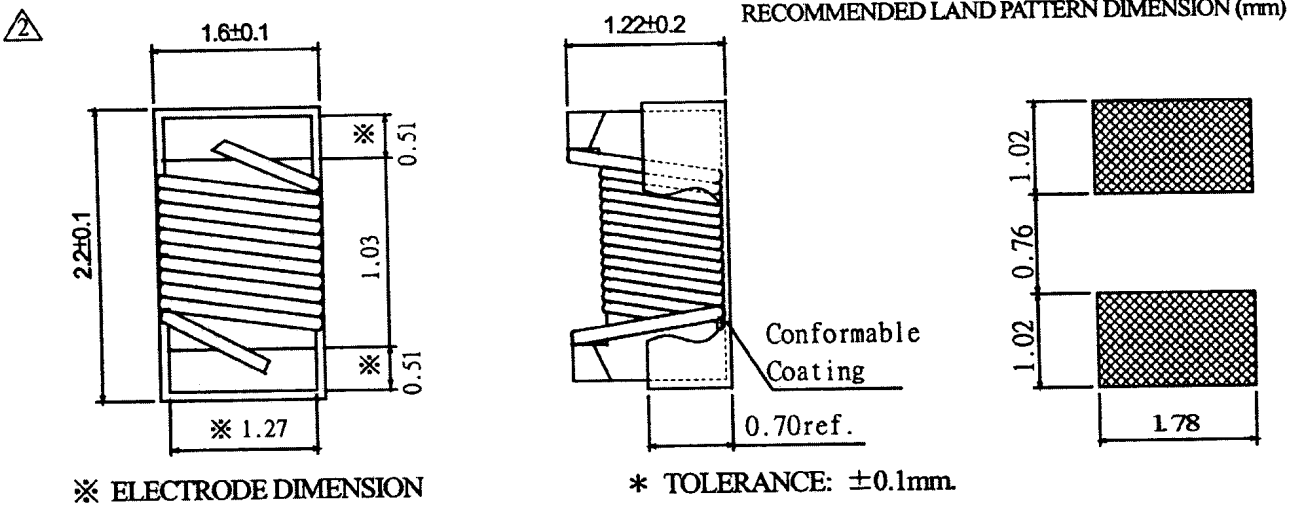


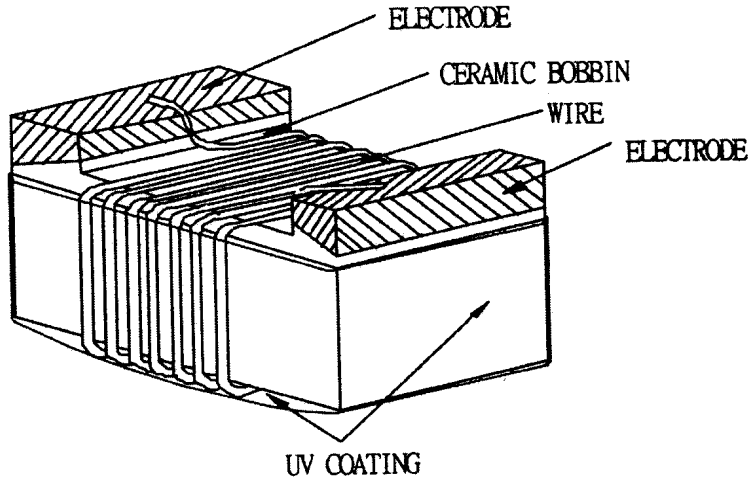
* SPECIFICATIONS *

| |
|---------------------|
| TYPE CCSP 0805 C |
|---------------------|

1. APPEARANCE DIMENSION (UNIT : mm)



2. FORMATION STRUCTURE



| PARTS | MATERIAL | MAKER |
|----------------|--------------|------------------------------|
| CERAMIC BOBBIN | MB-2UBW1-M2A | PHONON MEIWA INC. etc. |
| WIRE | UEW | JUNG SHING ;FUJI; RIKEN etc. |
| UV COATING | TB1357B | THREEBOND etc. |

3. PACKING △

- STANDARD PACKING REF. TO PACKING SPECIFICATION KB-CTR002.
- SPECIAL PACKING FOR CUSTOMER REF. TO PACKING SPECIFICATION KB-CTR

| | | | | |
|------------------|-------|--------|--------------|------------------|
| 20th, Apr., 2001 | | | PART NO. | |
| APPROVAL | CHECK | DESIGN | Ref. To P3/3 | |
| | | | REMARK | SPEC. No. 2/3 |
| | | | | H500-0002 |

ELECTRICAL CHARACTERISTICS

| No. | Part No. | Inductance | | Test Freq. (MHz) | Q Min. | Test Freq. (MHz) | S.R.F. (MHz)Min. | DCR (Ω) max. | DCI (mA) max. |
|-----|--|------------|-------------|---------------------|-----------|---------------------|---------------------|--------------------------|------------------|
| | | L(nH) | Tolerance * | | | | | | |
| 01 | CCSP 0805 C 2N7 <input type="checkbox"/> | 2.7 | J, K | 250 | 80 | 1500 | 7900 | 0.06 | 800 |
| 02 | CCSP 0805 C 3N0 <input type="checkbox"/> | 3.0 | J, K | 250 | 65 | 1500 | 7900 | 0.06 | 800 |
| 03 | CCSP 0805 C 3N3 <input type="checkbox"/> | 3.3 | J, K | 250 | 50 | 1500 | 7900 | 0.10 | 600 |
| 04 | CCSP 0805 C 5N6 <input type="checkbox"/> | 5.6 | J, K | 250 | 65 | 1000 | 5500 | 0.08 | 600 |
| 05 | CCSP 0805 C 6N8 <input type="checkbox"/> | 6.8 | J, K | 250 | 50 | 1000 | 5500 | 0.11 | 600 |
| 06 | CCSP 0805 C 7N5 <input type="checkbox"/> | 7.5 | J, K | 250 | 50 | 1000 | 4500 | 0.14 | 600 |
| 07 | CCSP 0805 C 8N2 <input type="checkbox"/> | 8.2 | G, J, K | 250 | 50 | 1000 | 4700 | 0.12 | 600 |
| 08 | CCSP 0805 C 10N <input type="checkbox"/> | 10.0 | G, J, K | 250 | 60 | 500 | 4200 | 0.10 | 600 |
| 09 | CCSP 0805 C 12N <input type="checkbox"/> | 12.0 | G, J, K | 250 | 50 | 500 | 4000 | 0.15 | 600 |
| 10 | CCSP 0805 C 15N <input type="checkbox"/> | 15.0 | G, J, K | 250 | 50 | 500 | 3400 | 0.17 | 600 |
| 11 | CCSP 0805 C 18N <input type="checkbox"/> | 18.0 | G, J, K | 250 | 50 | 500 | 3300 | 0.20 | 600 |
| 12 | CCSP 0805 C 22N <input type="checkbox"/> | 22.0 | G, J, K | 250 | 55 | 500 | 2600 | 0.22 | 500 |
| 13 | CCSP 0805 C 24N <input type="checkbox"/> | 24.0 | G, J, K | 250 | 50 | 500 | 2000 | 0.22 | 500 |
| 14 | CCSP 0805 C 27N <input type="checkbox"/> | 27.0 | G, J, K | 250 | 55 | 500 | 2500 | 0.25 | 500 |
| 15 | CCSP 0805 C 33N <input type="checkbox"/> | 33.0 | G, J, K | 250 | 60 | 500 | 2050 | 0.27 | 500 |
| 16 | CCSP 0805 C 36N <input type="checkbox"/> | 36.0 | G, J, K | 250 | 55 | 500 | 1700 | 0.27 | 500 |
| 17 | CCSP 0805 C 39N <input type="checkbox"/> | 39.0 | G, J, K | 250 | 60 | 500 | 2000 | 0.29 | 500 |
| 18 | CCSP 0805 C 43N <input type="checkbox"/> | 43.0 | G, J, K | 250 | 60 | 500 | 1650 | 0.34 | 500 |
| 19 | CCSP 0805 C 47N <input type="checkbox"/> | 47.0 | G, J, K | 200 | 60 | 500 | 1650 | 0.31 | 500 |
| 20 | CCSP 0805 C 56N <input type="checkbox"/> | 56.0 | G, J, K | 200 | 60 | 500 | 1550 | 0.34 | 500 |
| 21 | CCSP 0805 C 68N <input type="checkbox"/> | 68.0 | G, J, K | 200 | 60 | 500 | 1450 | 0.38 | 500 |
| 22 | CCSP 0805 C 82N <input type="checkbox"/> | 82.0 | G, J, K | 150 | 65 | 500 | 1300 | 0.42 | 400 |
| 23 | CCSP 0805 C 91N <input type="checkbox"/> | 91.0 | G, J, K | 150 | 65 | 500 | 1200 | 0.48 | 400 |
| 24 | CCSP 0805 C R10 <input type="checkbox"/> | 100.0 | G, J, K | 150 | 65 | 500 | 1200 | 0.46 | 400 |
| 25 | CCSP 0805 C R11 <input type="checkbox"/> | 110.0 | G, J, K | 150 | 50 | 250 | 1000 | 0.48 | 400 |
| 26 | CCSP 0805 C R12 <input type="checkbox"/> | 120.0 | G, J, K | 150 | 50 | 250 | 1100 | 0.51 | 400 |
| 27 | CCSP 0805 C R15 <input type="checkbox"/> | 150.0 | G, J, K | 100 | 50 | 250 | 920 | 0.56 | 400 |
| 28 | CCSP 0805 C R18 <input type="checkbox"/> | 180.0 | G, J, K | 100 | 50 | 250 | 870 | 0.64 | 400 |
| 29 | CCSP 0805 C R22 <input type="checkbox"/> | 220.0 | G, J, K | 100 | 50 | 250 | 850 | 0.70 | 400 |
| 30 | CCSP 0805 C R24 <input type="checkbox"/> | 240.0 | G, J, K | 100 | 44 | 250 | 690 | 1.0 | 350 |
| 31 | CCSP 0805 C R27 <input type="checkbox"/> | 270.0 | G, J, K | 100 | 48 | 250 | 650 | 1.0 | 350 |
| 32 | CCSP 0805 C R33 <input type="checkbox"/> | 330.0 | G, J, K | 100 | 48 | 250 | 600 | 1.4 | 310 |
| 33 | CCSP 0805 C R39 <input type="checkbox"/> | 390.0 | G, J, K | 100 | 48 | 250 | 560 | 1.5 | 290 |
| 34 | CCSP 0805 C R47 <input type="checkbox"/> | 470.0 | J, K | 50 | 33 | 100 | 375 | 1.76 | 250 |
| 35 | CCSP 0805 C R56 <input type="checkbox"/> | 560.0 | J, K | 25 | 23 | 50 | 340 | 1.90 | 230 |
| 36 | CCSP 0805 C R68 <input type="checkbox"/> | 680.0 | J, K | 25 | 23 | 50 | 188 | 2.20 | 190 |
| 37 | CCSP 0805 C R82 <input type="checkbox"/> | 820.0 | J, K | 25 | 23 | 50 | 215 | 2.35 | 180 |
| 38 | CCSP 0805 C 1R0 <input type="checkbox"/> | 1000.0 | J, K | 25 | 23 | 50 | 282 | 6.90 | 92 |

* Testing instrument and conditions

DCR : HP 34420A or equivalent

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

Inductance & Q : HP 4287A & HP16193A or equivalent

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

※ Inductance tolerance: G = $\pm 2\%$, J = $\pm 5\%$, K = $\pm 10\%$

REMARK

SPEC. NO.

3/3

H500-0002