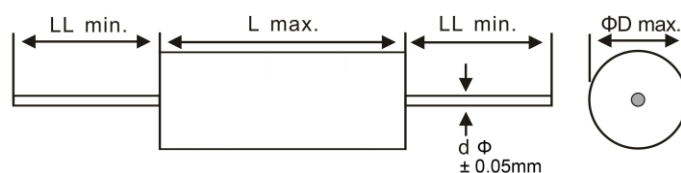


### FEATURES

- ◆ Quick transient design
- ◆ High Precise Capacitance  $\pm 3\%$ ,  $\pm 5\%$
- ◆ Very Low Dielectric absorption factor
- ◆ Very Low Dissipation factor
- ◆ Very Low ESR
- ◆ Very Low Inductance
- ◆ Excellent handling of high current audio pulses

### SPECIFICATIONS

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Passive flammability             | GB10191-88 IEC384-16                            |
| Operating temperature            | -55°C~+85°C                                     |
| Capacitance range                | 0.047~100uF                                     |
| Capacitance tolerance            | $\pm 3\%$ 、 $\pm 5\%$ 1KHz                      |
| Rated voltage                    | 250V、400V、630V.DC                               |
| Withstand voltage                | 1.5VR 5S                                        |
| Dissipation factor               | $\leq 0.0020$ 1KHz                              |
| Insulate the electric resistance | $C_R \leq 0.33\mu F$ , $I_R \geq 15,000M\Omega$ |
|                                  | $C_R > 0.33\mu F$ , $I_R \geq 5,000S$           |
| Leads Diameter                   | 0.8、1.0 Tinned Pure Copper Wire                 |



### STANDARD SIZE (mm)

For 0.047uF to 1uF, please consult to our sales for size.

| $\mu F$ | 250V          |          |      |     |    | $\mu F$ | 250V          |          |      |     |    |
|---------|---------------|----------|------|-----|----|---------|---------------|----------|------|-----|----|
|         | Dissipation   | $\Phi D$ | L    | d   | LL |         | Dissipation   | $\Phi D$ | L    | d   | LL |
| 1.0uF   | $\leq 0.0005$ | 12.5     | 25   | 0.8 | 35 | 5.1uF   | $\leq 0.0006$ | 21.5     | 31.5 | 0.8 | 35 |
| 1.1uF   | $\leq 0.0005$ | 13       | 25   | 0.8 | 35 | 5.6uF   | $\leq 0.0006$ | 22.5     | 31.5 | 0.8 | 35 |
| 1.2uF   | $\leq 0.0005$ | 11.5     | 31.5 | 0.8 | 35 | 6.0uF   | $\leq 0.0006$ | 23       | 31.5 | 0.8 | 35 |
| 1.3uF   | $\leq 0.0005$ | 12       | 31.5 | 0.8 | 35 | 6.2uF   | $\leq 0.0006$ | 23.5     | 31.5 | 0.8 | 35 |
| 1.5uF   | $\leq 0.0005$ | 12.5     | 31.5 | 0.8 | 35 | 6.8uF   | $\leq 0.0007$ | 24       | 31.5 | 0.8 | 35 |
| 1.6uF   | $\leq 0.0005$ | 13       | 31.5 | 0.8 | 35 | 7.0uF   | $\leq 0.0007$ | 19.5     | 46   | 0.8 | 35 |
| 1.8uF   | $\leq 0.0005$ | 13.5     | 31.5 | 0.8 | 35 | 7.5uF   | $\leq 0.0007$ | 20.5     | 46   | 0.8 | 35 |
| 2.0uF   | $\leq 0.0005$ | 14       | 31.5 | 0.8 | 35 | 8.0uF   | $\leq 0.0007$ | 21       | 46   | 0.8 | 35 |
| 2.2uF   | $\leq 0.0005$ | 14.5     | 31.5 | 0.8 | 35 | 8.2uF   | $\leq 0.0007$ | 21       | 46   | 0.8 | 35 |
| 2.4uF   | $\leq 0.0005$ | 15.5     | 31.5 | 0.8 | 35 | 9.1uF   | $\leq 0.0007$ | 22.5     | 46   | 0.8 | 35 |
| 2.5uF   | $\leq 0.0005$ | 15.5     | 31.5 | 0.8 | 35 | 10uF    | $\leq 0.0007$ | 23       | 46   | 1.0 | 35 |
| 2.7uF   | $\leq 0.0005$ | 16       | 31.5 | 0.8 | 35 | 11uF    | $\leq 0.0007$ | 24.5     | 46   | 1.0 | 35 |

### STANDARD SIZE (mm)

| μF    | 250V        |      |      |     |    | μF    | 250V        |      |    |     |    |
|-------|-------------|------|------|-----|----|-------|-------------|------|----|-----|----|
|       | Dissipation | ΦD   | L    | d   | LL |       | Dissipation | ΦD   | L  | d   | LL |
| 3.0uF | ≤0.0005     | 17   | 31.5 | 0.8 | 35 | 12uF  | ≤0.0008     | 25   | 46 | 1.0 | 35 |
| 3.3uF | ≤0.0006     | 17.5 | 31.5 | 0.8 | 35 | 13uF  | ≤0.0008     | 26   | 46 | 1.0 | 35 |
| 3.5uF | ≤0.0006     | 18   | 31.5 | 0.8 | 35 | 14uF  | ≤0.0008     | 27   | 46 | 1.0 | 35 |
| 3.6uF | ≤0.0006     | 18.5 | 31.5 | 0.8 | 35 | 15uF  | ≤0.0008     | 28   | 46 | 1.0 | 35 |
| 3.9uF | ≤0.0006     | 19   | 31.5 | 0.8 | 35 | 16uF  | ≤0.0008     | 29   | 46 | 1.0 | 35 |
| 4.0uF | ≤0.0006     | 19   | 31.5 | 0.8 | 35 | 18uF  | ≤0.0008     | 30.5 | 46 | 1.0 | 35 |
| 4.3uF | ≤0.0006     | 19.5 | 31.5 | 0.8 | 35 | 20uF  | ≤0.0008     | 32   | 46 | 1.0 | 35 |
| 4.5uF | ≤0.0006     | 20   | 31.5 | 0.8 | 35 | 22uF  | ≤0.0009     | 33.5 | 46 | 1.0 | 35 |
| 4.7uF | ≤0.0006     | 20.5 | 31.5 | 0.8 | 35 | 24uF  | ≤0.0009     | 35   | 46 | 1.0 | 35 |
| 5.0uF | ≤0.0006     | 21   | 31.5 | 0.8 | 35 | 27uF  | ≤0.0009     | 37   | 46 | 1.0 | 35 |
| 28uF  | ≤0.0009     | 34   | 56   | 1.0 | 35 | 51uF  | ≤0.0013     | 43.5 | 61 | 1.0 | 35 |
| 30uF  | ≤0.001      | 35   | 56   | 1.0 | 35 | 55uF  | ≤0.0013     | 45   | 61 | 1.0 | 35 |
| 33uF  | ≤0.001      | 36.5 | 56   | 1.0 | 35 | 56uF  | ≤0.0013     | 46   | 61 | 1.0 | 35 |
| 36uF  | ≤0.0011     | 38   | 56   | 1.0 | 35 | 62uF  | ≤0.0014     | 48   | 61 | 1.0 | 35 |
| 39uF  | ≤0.0011     | 39.5 | 56   | 1.0 | 35 | 68uF  | ≤0.0014     | 39.5 | 61 | 1.0 | 35 |
| 41uF  | ≤0.0012     | 40.5 | 56   | 1.0 | 35 | 75uF  | ≤0.0014     | 42   | 61 | 1.0 | 35 |
| 43uF  | ≤0.0012     | 41.5 | 56   | 1.0 | 35 | 82uF  | ≤0.0014     | 43.5 | 61 | 1.0 | 35 |
| 45uF  | ≤0.0012     | 41   | 61   | 1.0 | 35 | 91uF  | ≤0.0014     | 45.5 | 61 | 1.0 | 35 |
| 47uF  | ≤0.0012     | 42   | 61   | 1.0 | 35 | 100uF | ≤0.0014     | 46   | 61 | 1.0 | 35 |
| 50uF  | ≤0.0013     | 43   | 61   | 1.0 | 35 | --    | --          | --   | -- | --  | -- |

### STANDARD SIZE (mm)

| μF    | 400V        |      |      |     |    | μF    | 400V        |      |    |     |    |
|-------|-------------|------|------|-----|----|-------|-------------|------|----|-----|----|
|       | Dissipation | ΦD   | L    | d   | LL |       | Dissipation | ΦD   | L  | d   | LL |
| 1.0uF | ≤0.0005     | 14.5 | 25   | 0.8 | 35 | 7.0uF | ≤0.0007     | 23.5 | 46 | 0.8 | 35 |
| 1.1uF | ≤0.0005     | 13   | 31.5 | 0.8 | 35 | 7.5uF | ≤0.0007     | 24   | 46 | 0.8 | 35 |
| 1.2uF | ≤0.0005     | 13.5 | 31.5 | 0.8 | 35 | 8.0uF | ≤0.0007     | 25   | 46 | 0.8 | 35 |
| 1.3uF | ≤0.0005     | 14   | 31.5 | 0.8 | 35 | 8.2uF | ≤0.0007     | 25.5 | 46 | 0.8 | 35 |
| 1.5uF | ≤0.0005     | 14.5 | 31.5 | 0.8 | 35 | 9.1uF | ≤0.0007     | 26.5 | 46 | 0.8 | 35 |
| 1.6uF | ≤0.0005     | 15   | 31.5 | 0.8 | 35 | 10uF  | ≤0.0007     | 28   | 46 | 1.0 | 35 |
| 1.8uF | ≤0.0005     | 16   | 31.5 | 0.8 | 35 | 11uF  | ≤0.0007     | 29.5 | 46 | 1.0 | 35 |
| 2.0uF | ≤0.0005     | 16.5 | 31.5 | 0.8 | 35 | 12uF  | ≤0.0008     | 30.5 | 46 | 1.0 | 35 |
| 2.2uF | ≤0.0005     | 17.5 | 31.5 | 0.8 | 35 | 13uF  | ≤0.0008     | 31.5 | 46 | 1.0 | 35 |
| 2.4uF | ≤0.0005     | 18   | 31.5 | 0.8 | 35 | 14uF  | ≤0.0008     | 32.5 | 46 | 1.0 | 35 |
| 2.5uF | ≤0.0005     | 18.5 | 31.5 | 0.8 | 35 | 15uF  | ≤0.0008     | 33.5 | 46 | 1.0 | 35 |
| 2.7uF | ≤0.0005     | 19   | 31.5 | 0.8 | 35 | 16uF  | ≤0.0008     | 31   | 56 | 1.0 | 35 |
| 3.0uF | ≤0.0005     | 20   | 31.5 | 0.8 | 35 | 18uF  | ≤0.0008     | 33   | 56 | 1.0 | 35 |
| 3.3uF | ≤0.0006     | 20.5 | 31.5 | 0.8 | 35 | 20uF  | ≤0.0008     | 34.5 | 56 | 1.0 | 35 |
| 3.5uF | ≤0.0006     | 21   | 31.5 | 0.8 | 35 | 22uF  | ≤0.0009     | 36.5 | 56 | 1.0 | 35 |
| 3.6uF | ≤0.0006     | 21.5 | 31.5 | 0.8 | 35 | 24uF  | ≤0.0009     | 38   | 56 | 1.0 | 35 |
| 3.9uF | ≤0.0006     | 22.5 | 31.5 | 0.8 | 35 | 27uF  | ≤0.0009     | 40   | 56 | 1.0 | 35 |
| 4.0uF | ≤0.0006     | 22.5 | 31.5 | 0.8 | 35 | 28uF  | ≤0.0009     | 41   | 56 | 1.0 | 35 |
| 4.3uF | ≤0.0006     | 23.5 | 31.5 | 0.8 | 35 | 30uF  | ≤0.001      | 42   | 56 | 1.0 | 35 |
| 4.5uF | ≤0.0006     | 24   | 31.5 | 0.8 | 35 | 33uF  | ≤0.001      | 44   | 56 | 1.0 | 35 |
| 4.7uF | ≤0.0006     | 19.5 | 46   | 0.8 | 35 | 36uF  | ≤0.0011     | 46   | 56 | 1.0 | 35 |
| 5.0uF | ≤0.0006     | 20   | 46   | 0.8 | 35 | 39uF  | ≤0.0011     | 48   | 56 | 1.0 | 35 |
| 5.1uF | ≤0.0006     | 20   | 46   | 0.8 | 35 | 41uF  | ≤0.0012     | 47   | 61 | 1.0 | 35 |
| 5.6uF | ≤0.0006     | 21   | 46   | 0.8 | 35 | 43uF  | ≤0.0012     | 48   | 61 | 1.0 | 35 |
| 6.0uF | ≤0.0006     | 22   | 46   | 0.8 | 35 | 45uF  | ≤0.0012     | 49   | 61 | 1.0 | 35 |
| 6.2uF | ≤0.0006     | 22   | 46   | 0.8 | 35 | 47uF  | ≤0.0012     | 50   | 61 | 1.0 | 35 |
| 6.8uF | ≤0.0007     | 23   | 46   | 0.8 | 35 | --    | --          | --   | -- | --  | -- |

### STANDARD SIZE (mm)

| μF    | 630V        |      |      |     |    | μF     | 630V        |      |    |     |    |
|-------|-------------|------|------|-----|----|--------|-------------|------|----|-----|----|
|       | Dissipation | ΦD   | L    | d   | LL |        | Dissipation | ΦD   | L  | d   | LL |
| 1.0uF | ≤0.0005     | 16   | 31.5 | 0.8 | 35 | 5.0uF  | ≤0.0006     | 26.5 | 46 | 0.8 | 35 |
| 1.1uF | ≤0.0005     | 16.5 | 31.5 | 0.8 | 35 | 5.1uF  | ≤0.0006     | 27   | 46 | 0.8 | 35 |
| 1.2uF | ≤0.0005     | 17   | 31.5 | 0.8 | 35 | 5.6uF  | ≤0.0006     | 28   | 46 | 0.8 | 35 |
| 1.3uF | ≤0.0005     | 17.5 | 31.5 | 0.8 | 35 | 6.0uF  | ≤0.0007     | 29   | 46 | 0.8 | 35 |
| 1.5uF | ≤0.0005     | 19   | 31.5 | 0.8 | 35 | 6.2uF  | ≤0.0007     | 29   | 46 | 0.8 | 35 |
| 1.6uF | ≤0.0005     | 19.5 | 31.5 | 0.8 | 35 | 6.8uF  | ≤0.0007     | 30.5 | 46 | 0.8 | 35 |
| 1.8uF | ≤0.0005     | 20.5 | 31.5 | 0.8 | 35 | 7.0uF  | ≤0.0007     | 31   | 46 | 0.8 | 35 |
| 2.0uF | ≤0.0005     | 21.5 | 31.5 | 0.8 | 35 | 7.5uF  | ≤0.0007     | 32   | 46 | 0.8 | 35 |
| 2.2uF | ≤0.0005     | 22.5 | 31.5 | 0.8 | 35 | 8.0uF  | ≤0.0007     | 33   | 46 | 0.8 | 35 |
| 2.4uF | ≤0.0005     | 23.5 | 31.5 | 0.8 | 35 | 8.2uF  | ≤0.0007     | 33.5 | 46 | 0.8 | 35 |
| 2.5uF | ≤0.0005     | 24   | 31.5 | 0.8 | 35 | 9.1uF  | ≤0.0007     | 35   | 46 | 0.8 | 35 |
| 2.7uF | ≤0.0006     | 24.5 | 31.5 | 0.8 | 35 | 10.0uF | ≤0.0007     | 32.5 | 56 | 1.0 | 35 |
| 3.0uF | ≤0.0006     | 20.5 | 46   | 0.8 | 35 | 11.0uF | ≤0.0007     | 34   | 56 | 1.0 | 35 |
| 3.3uF | ≤0.0006     | 21.5 | 46   | 0.8 | 35 | 12.0uF | ≤0.0008     | 35.5 | 56 | 1.0 | 35 |
| 3.5uF | ≤0.0006     | 22   | 46   | 0.8 | 35 | 13.0uF | ≤0.0008     | 37   | 56 | 1.0 | 35 |
| 3.6uF | ≤0.0006     | 22.5 | 46   | 0.8 | 35 | 14.0uF | ≤0.0008     | 38   | 56 | 1.0 | 35 |
| 3.9uF | ≤0.0006     | 23.5 | 46   | 0.8 | 35 | 15.0uF | ≤0.0008     | 39.5 | 56 | 1.0 | 35 |
| 4.0uF | ≤0.0006     | 24   | 46   | 0.8 | 35 | 16.0uF | ≤0.0008     | 40.5 | 56 | 1.0 | 35 |
| 4.3uF | ≤0.0006     | 25   | 46   | 0.8 | 35 | 18.0uF | ≤0.0008     | 43   | 56 | 1.0 | 35 |
| 4.5uF | ≤0.0006     | 25.5 | 46   | 0.8 | 35 | 20.0uF | ≤0.0008     | 45.5 | 56 | 1.0 | 35 |
| 4.7uF | ≤0.0006     | 26   | 46   | 0.8 | 35 | --     | --          | --   | -- | --  | -- |

Note: Specifications are subject to change without notice.