

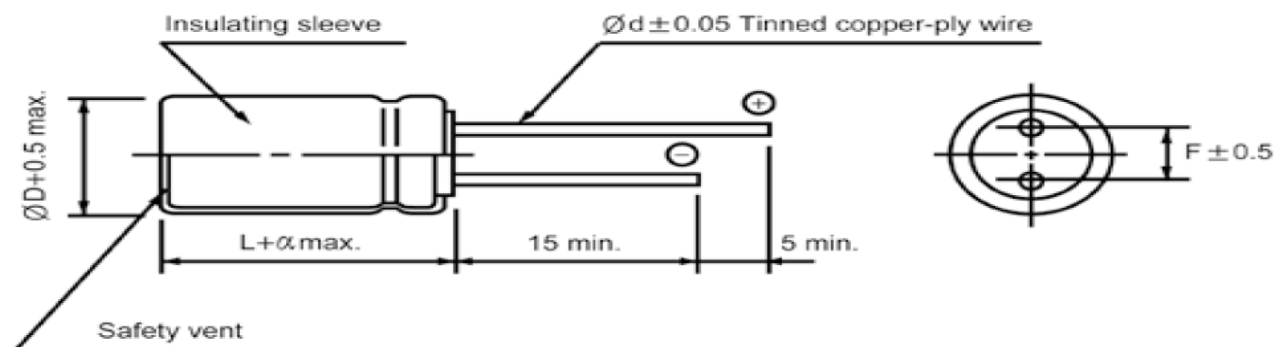


**THT, Radial E-Cap., Bi-polarized, for audio equipment , suited for audio signal circuits, Long Lead, ROHS Conform, Packing Bulk-Ware into Polybag**

| Items                                                                   |                 | Performance Characteristics                                                                       |     |      |      |      |      |                                   |      |  |  |  |
|-------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|-----|------|------|------|------|-----------------------------------|------|--|--|--|
| Operating temperature range                                             |                 | -40°C +85°C                                                                                       |     |      |      |      |      |                                   |      |  |  |  |
| Leakage current max.                                                    |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 | I = 0,03CV + 3µA whichever is greater (after 1 minutes)                                           |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
| Capacitance tolerance                                                   |                 | ±20% at 120Hz, 20°C                                                                               |     |      |      |      |      |                                   |      |  |  |  |
| Dissipation factor max.<br>(at 120Hz, 20°C)                             |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 | WV                                                                                                |     | 6,3  | 10   | 16   | 25   | 35                                | 50   |  |  |  |
|                                                                         |                 | TanQ                                                                                              |     | 0,24 | 0,20 | 0,16 | 0,16 | 0,14                              | 0,12 |  |  |  |
| Low temperature characteristics (Impedance ratio at 120Jz)              |                 |                                                                                                   | 6,3 | 10   | 16   | 25   | 35   | 50                                |      |  |  |  |
|                                                                         | Z-25°C / Z+20°C |                                                                                                   | 4   | 3    | 2    | 2    | 2    | 2                                 |      |  |  |  |
|                                                                         | Z-40°C / Z+20°C |                                                                                                   | 8   | 6    | 4    | 4    | 4    | 4                                 |      |  |  |  |
| Load life ( after application of the rated voltage for 1000hrs at 85°C) |                 | Leckage Current                                                                                   |     |      |      |      |      | Less than specified Value         |      |  |  |  |
|                                                                         |                 | Capacitance Change                                                                                |     |      |      |      |      | Within ±20% off initial Value     |      |  |  |  |
|                                                                         |                 | TanQ                                                                                              |     |      |      |      |      | Less than 150% of specified value |      |  |  |  |
|                                                                         |                 | Test method                                                                                       |     |      |      |      |      | Polarity reverse each 250 hours   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
| Shelf life (at 85°C)                                                    |                 | After 1000 hours no load test, leakage current, capacitance and tanQ are same as load life value. |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |
|                                                                         |                 |                                                                                                   |     |      |      |      |      |                                   |      |  |  |  |

**Technical Details**

|                                   |               |        |      |
|-----------------------------------|---------------|--------|------|
| Range (µF)                        | 220           | ØD(mm) | 13,0 |
| Voltage                           | 35            | L(mm)  | 25,0 |
| Impedance (Ω)                     | -.-           | F(mm)  | 5,0  |
| Ripple Current (mA)               | -.-           | Ød(mm) | 0,6  |
| ESR (Ω) max.at 20°C 10KHz         | -.-           | α(mm)  | 2    |
| Lifetime (hrs)                    | 1000          | -.-    | -.-  |
| Operating- Temperature Range (°C) | -40°C ~ +85°C | -.-    | -.-  |



|    |     |     |     |     |      |     |
|----|-----|-----|-----|-----|------|-----|
| ØD | 5   | 6,3 | 8   | 10  | 12,5 | 16  |
| F  | 2,0 | 2,5 | 3,5 | 5,0 | 5,0  | 7,5 |
| Ød | 0,5 |     |     | 0,6 |      | 0,8 |
| α  | 1,5 |     |     | 2,0 |      |     |

|       |       |      |        |        |        |       |            |
|-------|-------|------|--------|--------|--------|-------|------------|
| DRW:  | Lexua | CHKD | Wilson | MATL:  | ChuChu | DATE  | 23.12.2024 |
| APPD: | Jimmy |      |        | FINISH | Josy   | Sheet | 1 from 2   |



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### Ordering Informations:

| Serie-No. / Voltage / Range / Size | Capacity Tolerance | ROHS | Packing |
|------------------------------------|--------------------|------|---------|
|------------------------------------|--------------------|------|---------|

|                   |   |   |    |
|-------------------|---|---|----|
| I14074-3502211325 | M | R | BU |
|-------------------|---|---|----|

| Serie | Voltage (V) | Range $\mu$ H) | D * L (mm) | Tolerance Order Code | R= ROHS<br>N= NON ROHS | BU= Bulk-Ware Long Lead<br>T/B= Tape/Box<br>L3= Lead-Length 3~3,5mm |
|-------|-------------|----------------|------------|----------------------|------------------------|---------------------------------------------------------------------|
|-------|-------------|----------------|------------|----------------------|------------------------|---------------------------------------------------------------------|

### Soldering Information

#### Lead Solder Performance



#### Lead free Solder Performance



|       |       |      |        |        |        |       |            |
|-------|-------|------|--------|--------|--------|-------|------------|
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