



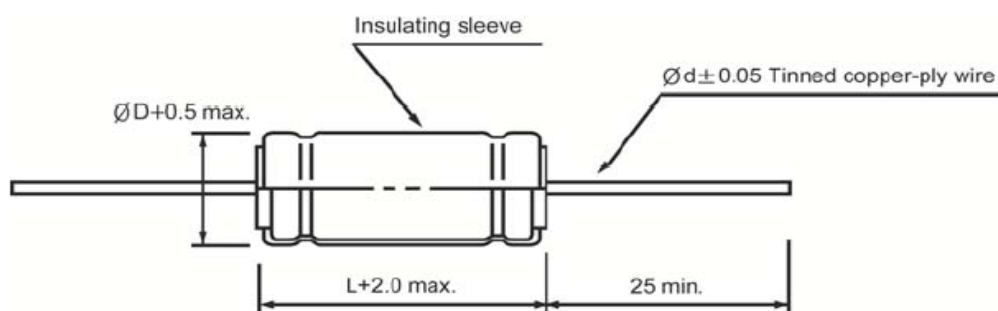
**THT, Axialer E-Cap., For Speaker Networks, Load life 1000 hours at 85°C Bi-polar suitable for audio crossover Network, ROHS Conform, Packing Box**

| Items                                                                               |  |                                                         | Performance Characteristics |  |  |  |  |                                   |  |  |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------------------|-----------------------------|--|--|--|--|-----------------------------------|--|--|--|
| Operating temperature range                                                         |  | -40°C +105°C                                            |                             |  |  |  |  |                                   |  |  |  |
| Leakage current max.                                                                |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  | I = 0,03CV + 3µA whichever is greater (after 5 minutes) |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
| Capacitance tolerance                                                               |  | ±5%, ±10% at 1KHz, 20°C                                 |                             |  |  |  |  |                                   |  |  |  |
| Rated working voltage                                                               |  | 50VDC, 100VDC                                           |                             |  |  |  |  |                                   |  |  |  |
| Dissipation factor max.<br>(at 120Hz, 20°C)                                         |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  | TanQ                                                    | ≤0,10                       |  |  |  |  |                                   |  |  |  |
| 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 2500hours   |  |  |  |
| Shelf life (at 85°C) (after leaving capacitor under no load at 105°C for 500hours). |  | Leckage Current                                         |                             |  |  |  |  | Less than 200% of specified Value |  |  |  |
|                                                                                     |  | Capacitance Change                                      |                             |  |  |  |  | Within ±20% off initial Value     |  |  |  |
|                                                                                     |  | TanQ                                                    |                             |  |  |  |  | Less than 150% of specified value |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
|                                                                                     |  |                                                         |                             |  |  |  |  |                                   |  |  |  |
| Technical Details                                                                   |  |                                                         |                             |  |  |  |  |                                   |  |  |  |

**Technical Details**

|                                   |               |        |      |
|-----------------------------------|---------------|--------|------|
| Range (µF)                        | 6,8           | ØD(mm) | 10,0 |
| Voltage                           | 100           | L(mm)  | 20,0 |
| Impedance (Ω)                     | -.-           | F(mm)  | 0,0  |
| Ripple Current (mA)               | 128           | Ød(mm) | 0,6  |
| ESR (Ω) max.at 20°C 10KHz         | -.-           | α(mm)  | 0    |
| Lifetime (hrs)                    | 1000          | -.-    | -.-  |
| Operating- Temperature Range (°C) | -40°C ~ +85°C | -.-    | -.-  |

● **DRAWING**



|    |     |     |     |     |
|----|-----|-----|-----|-----|
| ØD | 10  | 13  | 16  | 18  |
| Ød | 0,6 | 0,8 | 0,8 | 0,8 |

|       |       |      |        |        |        |       |            |
|-------|-------|------|--------|--------|--------|-------|------------|
| DRW:  | Lexua | CHKD | Wilson | MATL:  | ChuChu | DATE  | 28.01.2025 |
| APPD: | Jimmy |      |        | FINISH | Josy   | Sheet | 1 from 2   |



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### Ordering Informations:

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

|                   |   |   |    |
|-------------------|---|---|----|
| I14133-1016R81020 | M | R | BU |
|-------------------|---|---|----|

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

### Soldering Information

#### Lead Solder Performance



#### Lead free Solder Performance



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