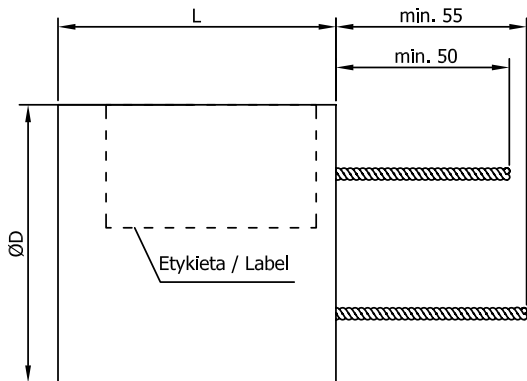


## Kondensator AUDIO AUDIO Capacitor



| Pojemność<br>znamionowa<br>Rated<br>capacitance | Tolerancja<br>pojemności<br>Capacitance<br>tolerance | Wymiary / Dimensions |       |
|-------------------------------------------------|------------------------------------------------------|----------------------|-------|
|                                                 |                                                      | D±1                  | L±1,5 |
| µF                                              | %                                                    | mm                   | mm    |
| str. 2 / page 2                                 |                                                      |                      |       |

### Dane Techniczne / Technical data:

|                                            |                                   |                                                                                                                                                             |
|--------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Napięcie znamionowe<br>Rated voltage       | 600VDC                            | (Uwagi/Notes)<br>1. Wyrób spełnia wymagania Dyrektywy<br>RoHS (2011/65/WE).<br>This product fulfils the requirements of<br>the RoHS Directive (2011/65/EC). |
| Tg kąta stratności<br>Dissipation factor   | <0,0040 @ 1kHz                    |                                                                                                                                                             |
| Kategoria klimatyczna<br>Climatic category | 25/70/21                          |                                                                                                                                                             |
| Wymiary<br>Dimensions                      | zgodnie z tabelą<br>acc. to table |                                                                                                                                                             |

**Description:**  
The KPAL-02 capacitors are made on the basis of paper and polypropylene dielectric films in a specially designed configuration. The capacitor section is impregnated with the use of a unique vacuum-based technology. The capacitor electrodes consist of solid aluminium foil. These capacitors feature housings formed from insulating resin paper tubes, terminals made of twisted tinned copper wire and self-extinguishing potting compound of flammability class V0.  
High quality and durability of the capacitors is assured by the use of carefully selected materials, production technology, as well as testing and measuring methods.  
These capacitors are designed for use in audio equipment. The design of the capacitors and used technology during the production minimize the parasitic impedance components: inductance and resistance, resulting in improved quality of sound in a given audio system.  
The capacitors are subjected to a series of specific tests and measurements, including a unique test using pulses of increased current amplitude and frequency of 22kHz.  
The KPAL-02 capacitors can be used in d.c. and a.c. circuits within the temperature range of their climatic category. The d.c. voltage value or a.c. voltage amplitude should not exceed the specified rated voltage.

### PRZYKŁADOWY NADRUK PRINTING LAYOUT EXAMPLE

Oznakowanie  
okładziny zewnętrznej  
- krótsze  
wyprowadzenie /  
Marking of the outer  
electrode - shorter  
terminal



Kondensator AUDIO  
AUDIO Capacitor

| Kod EPD<br>Ordering code | Pojemność<br>znamionowa<br>Rated<br>capacitance | Tolerancja<br>pojemności<br>Capacitance<br>tolerance | Wymiary / Dimensions |       | Wyprowadzenia /<br>Terminals |
|--------------------------|-------------------------------------------------|------------------------------------------------------|----------------------|-------|------------------------------|
|                          |                                                 |                                                      | D±1                  | L±1,5 |                              |
| -                        | µF                                              | %                                                    | mm                   | mm    | -                            |
| KPAL02H322...            | 0,022                                           | J - ±5%<br>K - ±10%                                  | 18                   | 40    | 2x0,6mm                      |
| KPAL02H327...            | 0,027                                           |                                                      | 20                   |       |                              |
| KPAL02H333...            | 0,033                                           |                                                      |                      | 50    |                              |
| KPAL02H339...            | 0,039                                           |                                                      |                      |       |                              |
| KPAL02H347...            | 0,047                                           |                                                      |                      |       |                              |
| KPAL02H356...            | 0,056                                           |                                                      |                      |       |                              |
| KPAL02H368...            | 0,068                                           |                                                      |                      |       |                              |
| KPAL02H382...            | 0,082                                           |                                                      | 22                   |       |                              |
| KPAL02H410...            | 0,1                                             |                                                      | 24                   |       |                              |
| KPAL02H412...            | 0,12                                            |                                                      | 26                   |       |                              |
| KPAL02H415...            | 0,15                                            |                                                      |                      |       |                              |
| KPAL02H418...            | 0,18                                            |                                                      |                      |       |                              |
| KPAL02H422...            | 0,22                                            |                                                      |                      |       |                              |
| KPAL02H427...            | 0,27                                            |                                                      | 30                   |       |                              |
| KPAL02H433...            | 0,33                                            |                                                      | 36                   |       |                              |
| KPAL02H439...            | 0,39                                            |                                                      |                      |       |                              |
| KPAL02H447...            | 0,47                                            |                                                      | 44                   |       |                              |
| KPAL02H456...            | 0,56                                            |                                                      | 70                   |       |                              |
| KPAL02H468...            | 0,68                                            |                                                      |                      |       |                              |
| KPAL02H482...            | 0,82                                            |                                                      |                      |       |                              |
| KPAL02H510...            | 1,0                                             |                                                      |                      |       |                              |
| KPAL02H512...            | 1,2                                             |                                                      |                      |       |                              |
| KPAL02H515...            | 1,5                                             |                                                      |                      |       |                              |
| KPAL02H518...            | 1,8                                             |                                                      |                      |       |                              |
| KPAL02H520...            | 2,0                                             |                                                      |                      |       |                              |
| KPAL02H522...            | 2,2                                             |                                                      |                      |       |                              |
| KPAL02H527...            | 2,7                                             |                                                      |                      |       |                              |
| KPAL02H530...            | 3,0                                             |                                                      |                      | 86    |                              |
| KPAL02H533...            | 3,3                                             |                                                      |                      |       |                              |
| KPAL02H539...            | 3,9                                             |                                                      |                      |       |                              |
| KPAL02H540...            | 4,0                                             |                                                      | 96                   |       |                              |
| KPAL02H547...            | 4,7                                             |                                                      | 86                   |       |                              |
| KPAL02H556...            | 5,6                                             |                                                      |                      |       |                              |
| KPAL02H560...            | 6,0                                             |                                                      |                      |       |                              |
| KPAL02H568...            | 6,8                                             |                                                      |                      |       |                              |
| KPAL02H582...            | 8,2                                             |                                                      | 96                   |       |                              |
| KPAL02H590...            | 9,0                                             |                                                      |                      |       |                              |
| KPAL02H610...            | 10,0                                            |                                                      | 102                  |       |                              |
| KPAL02H612...            | 12,0                                            |                                                      | 96                   |       |                              |
| KPAL02H615...            | 15,0                                            |                                                      | 102                  |       |                              |
| KPAL02H616...            | 16,0                                            |                                                      |                      |       |                              |
| KPAL02H618...            | 18,0                                            |                                                      |                      |       |                              |
|                          |                                                 |                                                      |                      |       |                              |

Istnieje możliwość uzgodnienia innych pojemności oraz długości i rodzaju wyprowadzeń.  
Other capacitance values and terminal lengths and types can be agreed upon request.