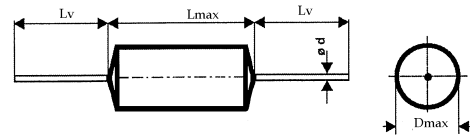




## KPSn AUDYN CAPACITORS FOR AUDIO APPLICATIONS

| U <sub>R</sub><br>[VDC] | Dimensions [mm] |       |    |    |     |                |
|-------------------------|-----------------|-------|----|----|-----|----------------|
|                         | Art.Nr.         | C[μF] | D  | L  | d   | L <sub>v</sub> |
| KPSn<br>160V            | 1501180         | 1,0   | 15 | 36 | 0,8 | 35             |
|                         | 1501181         | 1,2   | 18 | 36 | 0,8 | 35             |
|                         | 1501182         | 1,5   | 20 | 36 | 0,8 | 35             |
|                         | 1501183         | 1,8   | 19 | 41 | 0,8 | 35             |
|                         | 1501184         | 2,2   | 22 | 41 | 0,8 | 35             |
|                         | 1501185         | 2,7   | 24 | 41 | 1   | 35             |
|                         | 1501186         | 3,3   | 25 | 41 | 1   | 35             |
|                         | 1501187         | 3,9   | 26 | 41 | 1   | 35             |
|                         | 1501188         | 4,7   | 29 | 41 | 1   | 35             |
|                         | 1501189         | 5,6   | 31 | 41 | 1   | 35             |
|                         | 1501191         | 6,8   | 33 | 41 | 1   | 35             |
| KPSn<br>250V            | 1501130         | 0,1   | 9  | 31 | 0,8 | 35             |
|                         | 1501129         | 0,15  | 10 | 31 | 0,8 | 35             |
|                         | 1501131         | 0,22  | 12 | 31 | 0,8 | 35             |
|                         | 1501132         | 0,33  | 14 | 31 | 0,8 | 35             |
|                         | 1501133         | 0,47  | 17 | 31 | 0,8 | 35             |
|                         | 1501134         | 0,56  | 18 | 31 | 0,8 | 35             |
|                         | 1501135         | 0,68  | 13 | 36 | 0,8 | 35             |
|                         | 1501136         | 0,82  | 18 | 36 | 0,8 | 35             |
|                         | 1501137         | 1,0   | 20 | 36 | 0,8 | 35             |
|                         | 1501138         | 1,2   | 21 | 41 | 1   | 35             |
|                         | 1501139         | 1,5   | 23 | 41 | 1   | 35             |
|                         | 1501140         | 1,8   | 25 | 41 | 1   | 35             |
|                         | 1501141         | 2,2   | 27 | 41 | 1   | 35             |
|                         | 1501142         | 2,7   | 31 | 41 | 1   | 35             |
| 1501143                 | 3,3             | 33    | 41 | 1  | 35  |                |
| KPSn<br>630V            | 1501200         | 0,1   | 11 | 31 | 0,8 | 35             |
|                         | 1501212         | 0,15  | 12 | 31 | 0,8 | 35             |
|                         | 1501201         | 0,22  | 14 | 31 | 0,8 | 35             |
|                         | 1501202         | 0,33  | 17 | 31 | 0,8 | 35             |
|                         | 1501203         | 0,47  | 18 | 36 | 0,8 | 35             |
|                         | 1501204         | 0,56  | 19 | 36 | 0,8 | 35             |
|                         | 1501205         | 0,68  | 20 | 41 | 0,8 | 35             |
|                         | 1501206         | 0,82  | 21 | 41 | 0,8 | 35             |
|                         | 1501207         | 1,0   | 22 | 41 | 1   | 35             |
|                         | 1501208         | 1,2   | 25 | 41 | 1   | 35             |
|                         | 1501209         | 1,5   | 27 | 41 | 1   | 35             |
|                         | 1501210         | 1,8   | 30 | 41 | 1   | 35             |
| 1501211                 | 2,2             | 32    | 41 | 1  | 35  |                |



### Construction:

Metallic electrodes Sn - Foil, polypropylene film dielectric, Non-inductive construction, Polyester tape wrapping, epoxy resin sealed, tinned cooper wire leads

### Applications:

High quality audio-devices applications

### Technical data

**Rated voltage** U<sub>R</sub>: 160 ÷ 630 VDC

**Rated capacitance:** 1,0 ÷ 6,8μF

**Tolerance:** ±5%, ±2%,

**Dissipation factor** Tgδ: < 0,0003 at 1kHz and +25°C  
0,0006 at 10kHz

**Insulation resistance** R<sub>IS</sub>: >30 000/C [MΩ, μF]

**Operating temperature range:** -25 ÷ +70°C

The highest permissible capacitor temperature at the hottest point of the case must not exceed +70°C.

### Test voltage between terminals:

U<sub>R</sub>: 160VDC U<sub>T</sub>: 200VDC 1min. at +25°C

250 300

630 700

All capacitors are tested by the routine test by the producer

**Test voltage between short connected terminals and case:** 1000VDC, 1min. at +25°C

**Related standards:** IEC 60384-1, EN 130000