

## Output transformer for headphone amplifiers LL2754

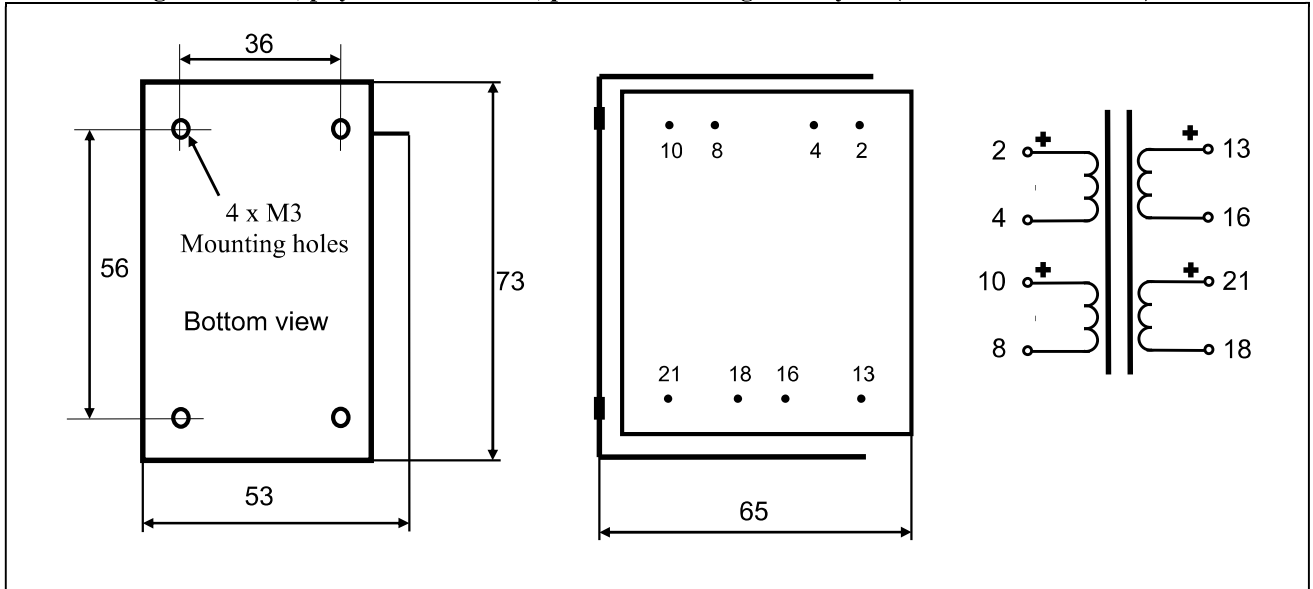
The LL2754 is a four-sectioned, dual coil, low impedance C-core output transformer for headphone amplifier applications. LL2754 is available in PP and SE versions.

The coil is wound using our standard high internal isolation technique with isolation foil between each copper layer. The core is an audio C-core of our own production.

**Turns ratio**

**1+1 : 1+1**

**Winding schematics, physical dimensions, pin and mounting hole layout (all dimensions in mm)**



- |  |                             |
|--|-----------------------------|
| <b>Weight:</b>   | 0.6 kg                      |
| <b>Static resistance of each primary:</b>                      | 7 Ω                         |
| <b>Static resistance of secondary:</b>                         | 7 Ω                         |
| <b>Max recommended DC current through primary windings:</b>    | 600mA (5W heat dissipation) |
| <b>Isolation between windings / between windings and core:</b> | 4 kV / 2 kV                 |
| <b>Frequency response</b>                                      | 5Hz – 100kHz +/- 1 dB       |
| 1:2 as below, source 10 ohms, load 500 ohms, ref 1kHz          |                             |

	LL2754/PP	LL2754/XmA
Primary inductance (primaries in series)	7H	
Max signal across each section, at 20 Hz	20V r.m.s. (PP usage)	8 V r.m.s. (SE usage)

**Suggested use**

