

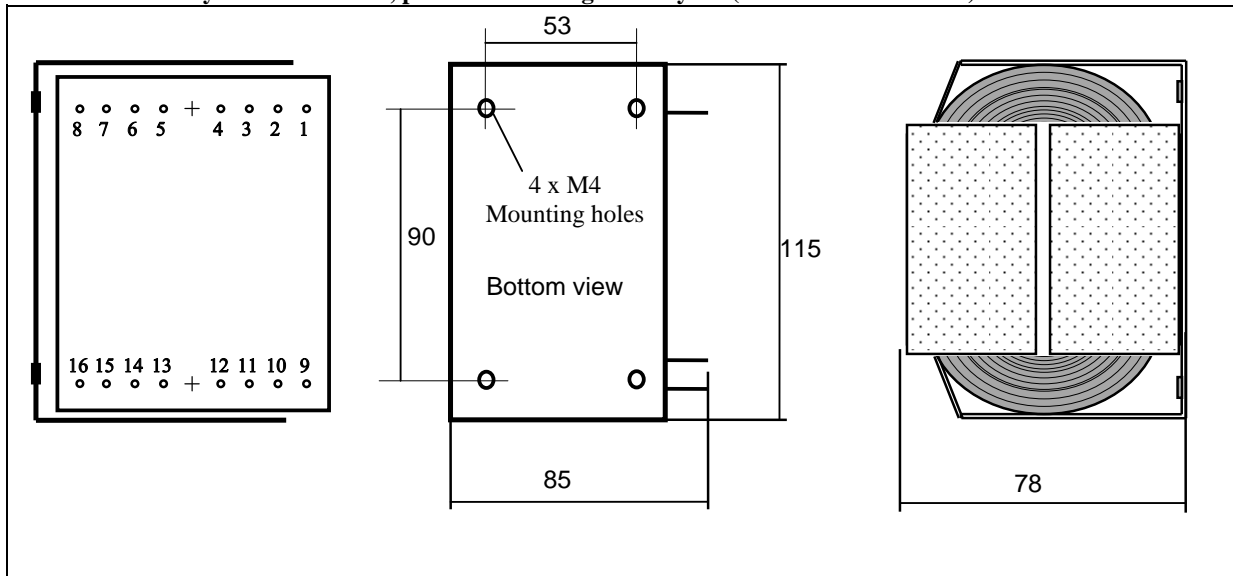
## Universal Power Line Transformer LL2414

LL2414 is a high inductance line transformer for connecting PA system loudspeakers to power lines. The transformer is based on the very flexible (too flexible?) LL2410, but sectioning is reduced to facilitate usage in most applications. The eight windings can be combined in a number of ways, but symmetry between coil 1 and coil 2 is essential for good performance. The transformer has a special audio C-core of our own production.

**Turns ratio:**

$$1 + 1 + 2 + 4 : 1 + 1 + 2 + 4$$

**Physical dimensions, pin and mounting hole layout (all dimensions in mm)**



**Core type**

Lundahl audio C-core

**Spacing between pins:**

5.08 mm (0.2")

**Spacing between rows of pins:**

76.20 mm (3.0")

**Distance between groups of pins in one row:**

20.32 mm (0.8")

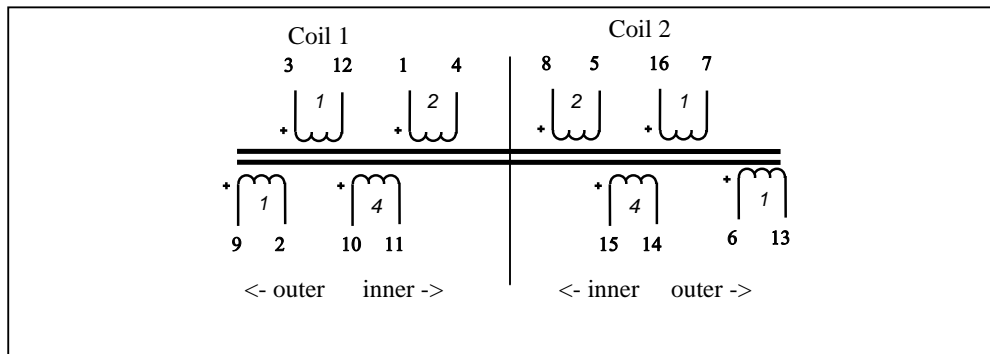
**Rec. PCB hole diameter:**

2 mm

**Weight:**

2.5 kg

**Winding schematics:**



Windings	Static resistance	Max voltage rms across winding at 50 Hz
1 - 4 and 8 - 5	0.8 Ω	40 V
10 - 11 and 15 - 14	1.7 Ω	80 V
3 - 12 and 16 - 7	0.5 Ω	20 V
9 - 2 and 6 - 13	0.5 Ω	20 V