LUNDAHL
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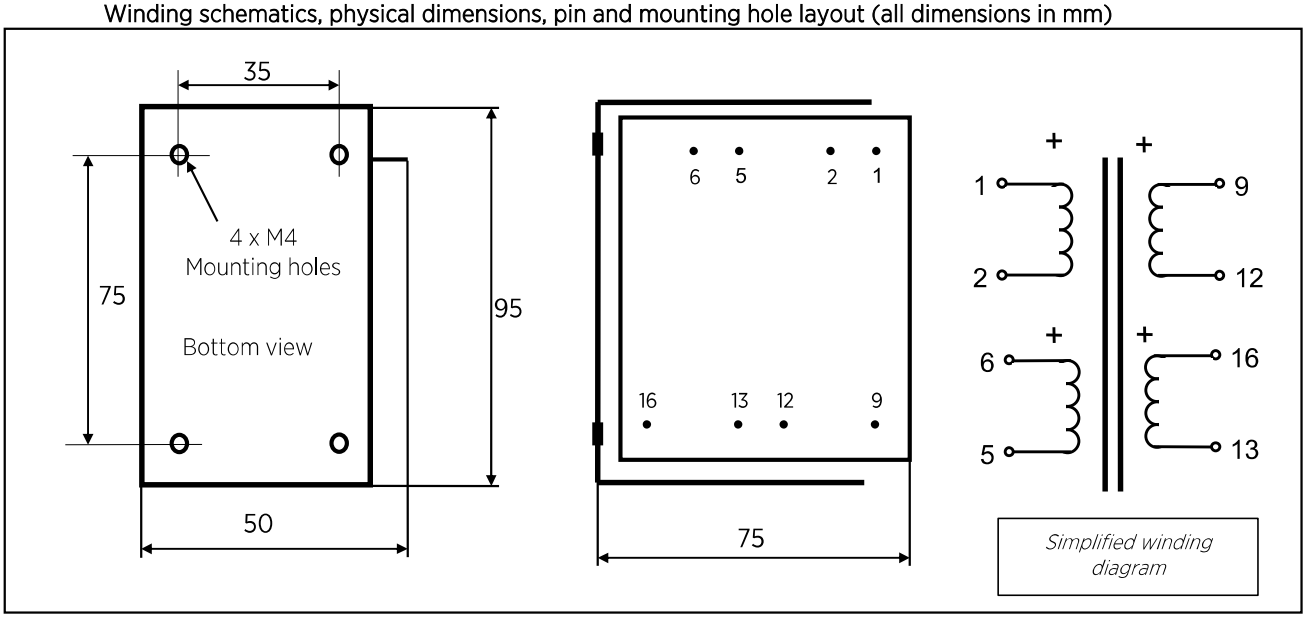
Tube amplifier output transformer LL3720
6k : 8 ohms for SE applications

The LL3720 is a dual coil C-core tube amplifier output transformer for approximately 6k : 8 ohms impedance ratio. By careful design of winding topology, we have managed to improve the HF response.
The coil is wound using our standard high internal isolation technique with isolation foil between each copper layer, and multiple layers of isolation foil between primary and secondary sections. The core is an audio C-core of our own production.

Turns ratio 31 : 1

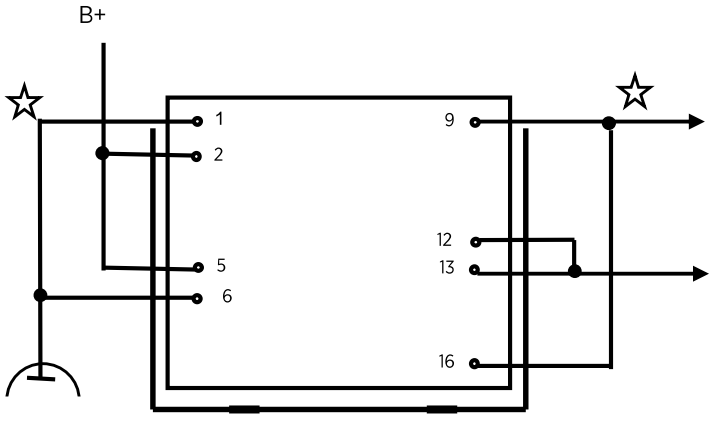
Winding schematics, physical dimensions, pin and mounting hole layout (all dimensions in mm)



Weight:	1.35 kg
Static resistance of primary:	200Ω when connected as below
Static resistance of each secondary:	0.4Ω
Isolation between windings / between windings and core:	4 kV / 2 kV
Max recommended primary DC current (4.5W heat):	150mA

	LL3720/40mA	LL3720/70mA
Primary inductance (approx)	56H	32H
Max primary signal	200V R.M.S. @ 30 Hz	200V R.M.S. @ 30 Hz
Max output power @ 30 Hz	5W (8 Ω spkr)	5W (8 Ω spkr)

Suggested connection for 6k : 8 ohms:



Frequency response, LL3720/70mA, source 1k, load 10Ω: –1dB @ 15Hz and 40kHz

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