

Tube amplifier output transformer LL1682 5.5k : 5 ohms

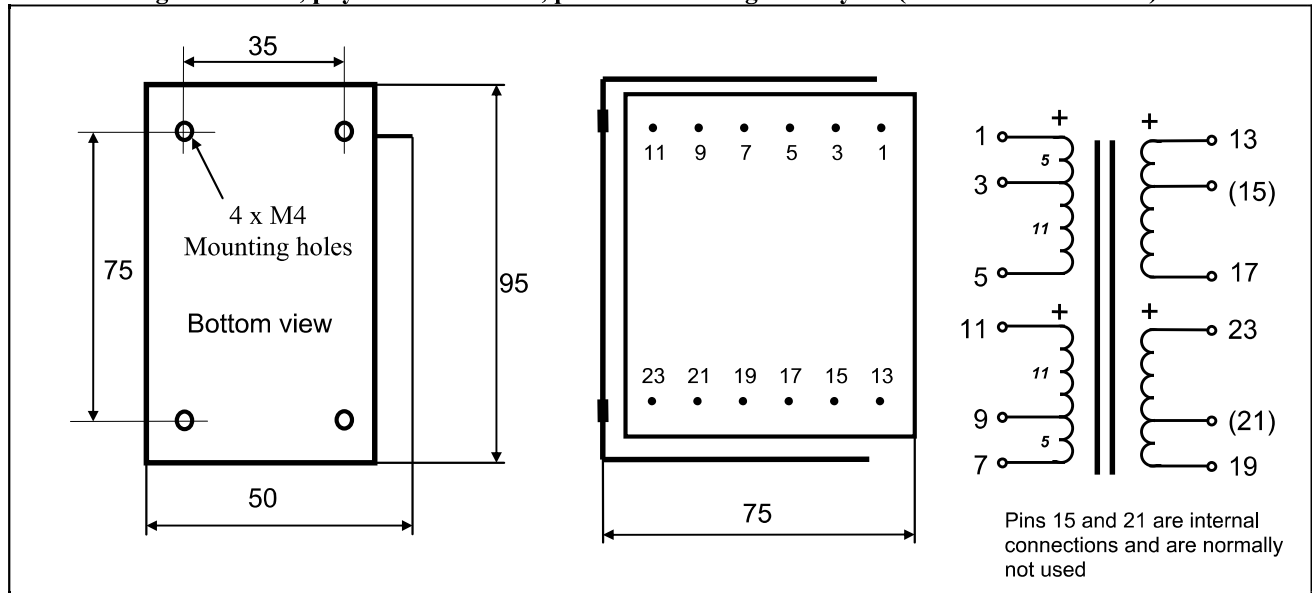
The LL1682 is a four-sectioned, dual coil C-core tube amplifier output transformer for 5.5k: 5 ohms impedance ratio available in PP and SE versions.

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

16+16 : 1+1 or (5+11)+(5+11) : 1 + 1

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



Pins 15 and 21 are internal connections and are normally not used

Weight:

1.35 kg

Static resistance of each primary:

105 Ω

Static resistance of secondary (connected in parallel as below):

0.4 Ω

Isolation between windings / between windings and core:

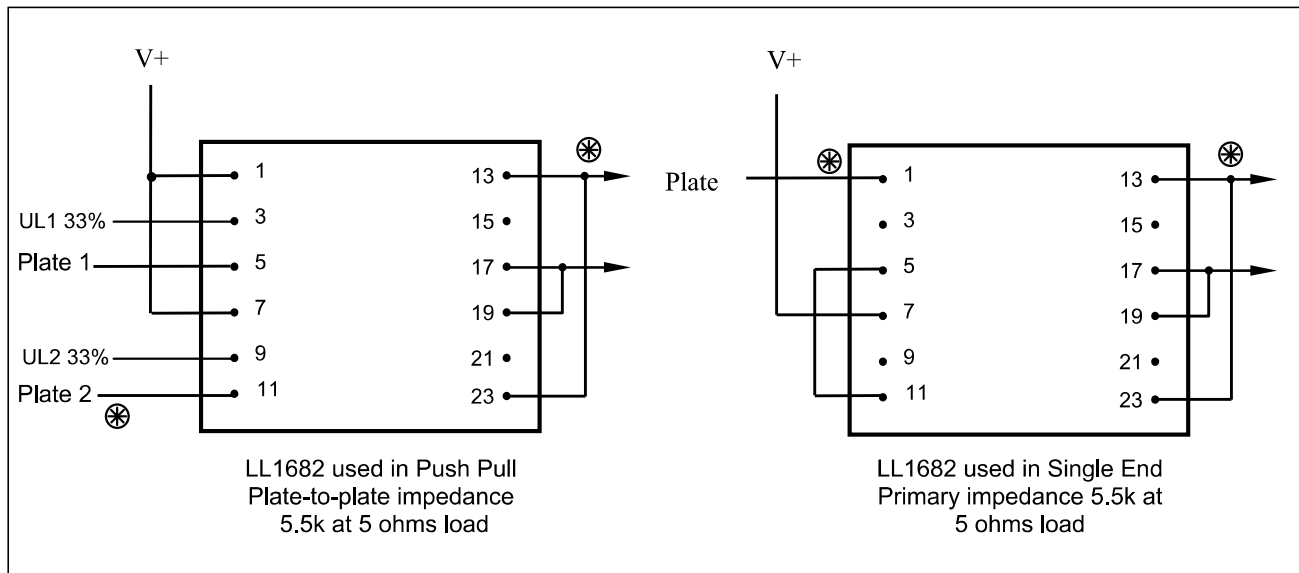
4 kV / 2 kV

Max recommended DC current through any primary winding:

160mA

	LL1682/PP	LL1682/50mA	LL1682/100mA
Primary inductance (approx)	100H	35H	17H
Max primary signal	450V R.M.S. @ 30 Hz	200V R.M.S. @ 30 Hz	200V R.M.S. @ 30 Hz
Max output power @ 30 Hz	40W (5Ω spkr)	8W (5Ω spkr)	8W (5Ω spkr)

Suggested use:



LL1682 used in Push Pull
Plate-to-plate impedance
5.5k at 5 ohms load

LL1682 used in Single End
Primary impedance 5.5k at
5 ohms load