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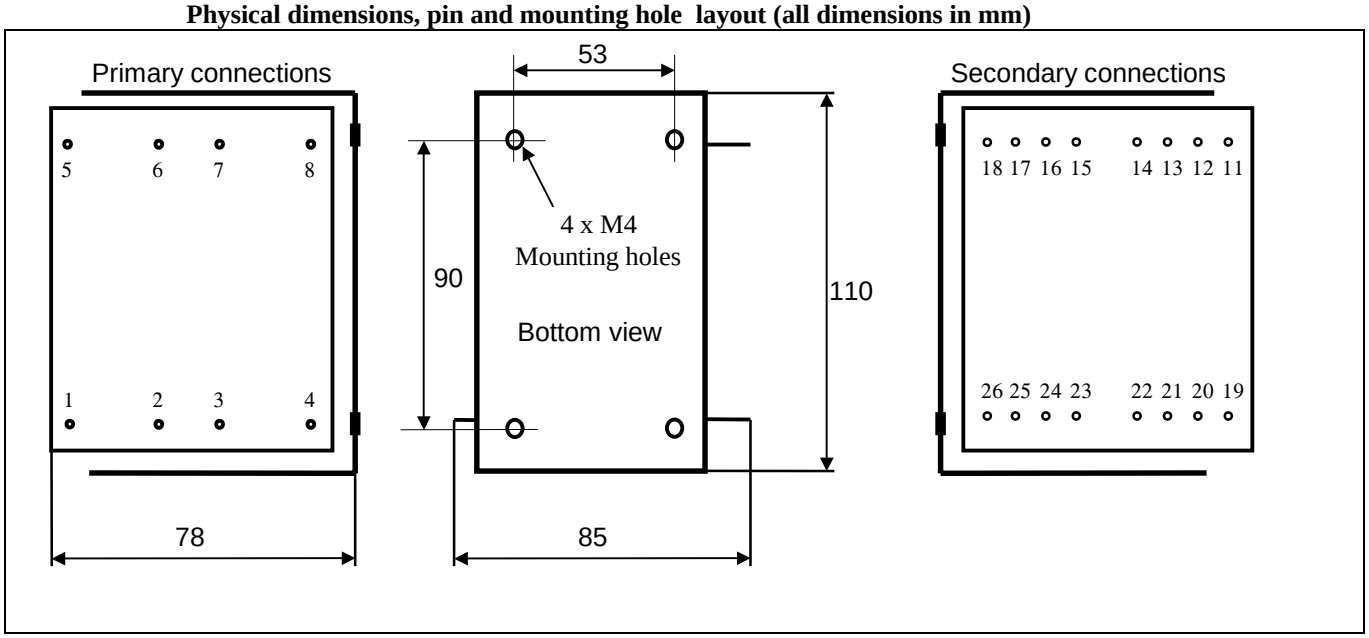
Output Transformer LL9202 for Push-Pull Tube Amplifier

LL9202 is a high inductance output transformer for push-pull tube amplifiers. The transformer is highly sectioned, with harmonically sized sections, which results in a minimum leakage inductance. This, and a low capacitance coil winding technique results in a wide frequency range.
The transformer has a special audio C-core of our own production.
Refer to the back side of this page for suggested connection alternatives.

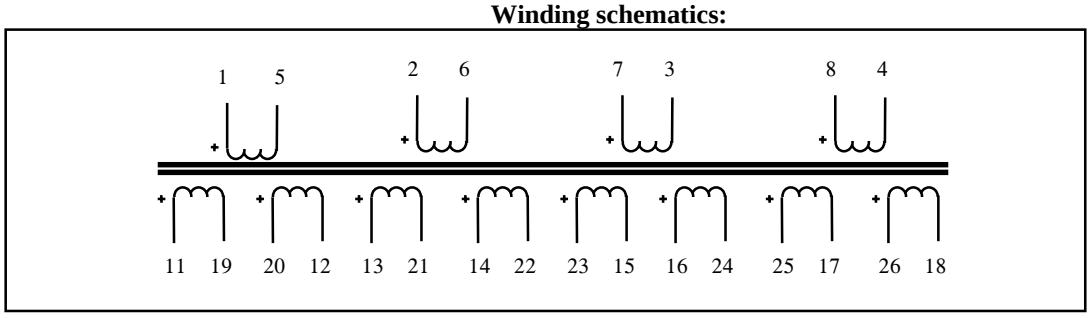
Turns ratio: 26+26+26+26 : 1+1+1+1+1+1+1+1

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



Spacing between pins: 5.08 mm (0.2")
Weight: 2.5 kg

Winding schematics:



Static resistance of each primary (avarage):	165 Ω
Static resistance of each secondary (avarage):	0.4 Ω
Primary inductance (primaries in series)	460H
Leakage inductance (primaries in series)	20 mH
Recomended source impedance:	6 kΩ
Loss across transformer	1.6 dB
Isolation between primary and secondary windings / between windings and core:	4 kV / 2 kV

Connection alternatives (Back side of this page)	**Loudspeaker impedance (with primary impedance 6 kΩ)**
A	0.5 Ω
B	2 Ω
C	4 Ω
D	8 Ω
E	16 Ω
F	32 Ω

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