

Tube Amplifier Interstage Transformer LL1692

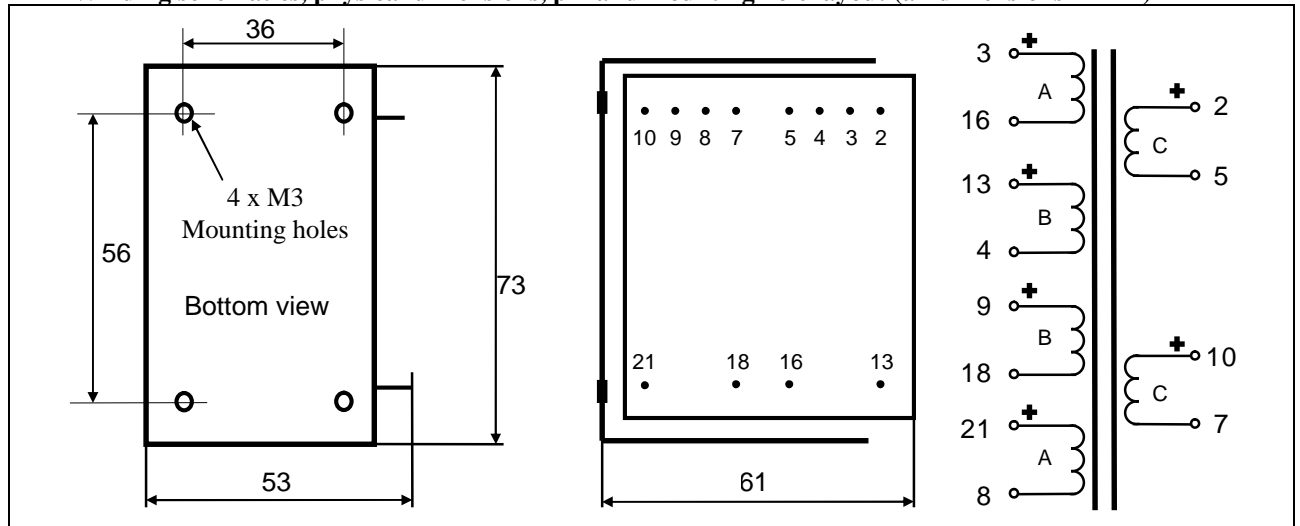
LL1692 is an interstage transformer for tube amplifiers, impedance-wise placed between LL1660 and LL1671. The transformer is available with various core air gaps optimised for PP or SE drives.

The transformer is wound with a special low capacitance winding technique to achieve best high frequency performance. The transformer has a special high flux, low distortion audio C-core of our own production.

The LL1692PP is assembled with a small core air gap to allow for some DC current unbalance.

For the S.E. versions of the LL1692, the core air gap is chosen such that the denoted DC current (30mA for a LL1692/30mA) generates a no signal core flux density of 0.9 Tesla when used with all primaries in series. This leaves a flux density swing of 0.7 T for the signal.

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



Weight	Turns ratio	Static resistance, Winding A	Static resistance, winding B	Static resistance, winding C
0.75 Kg	1+1+1+1 : 2+2	88 Ω	190 Ω	342 Ω

Max. current through any single section (5W heat power):

85 mA

Isolation between primary and secondary windings / between windings and core:

4 kV / 2 kV

LL1692/PP for push-pull to push-pull interstage:

B+ pin 2 + 7

Anode-1(phase) 10

Anode-2 5

Grid-1 (phase) 9

Grid-2 4

Connect 18 + 3

Connect 8 + 13

Ground 16+21