

Stepup 1:2 tube amplifier interstage transformer LL2746 (D)

The LL2746 is a three-section dual coil C-core tube amplifier stepup interstage transformer.

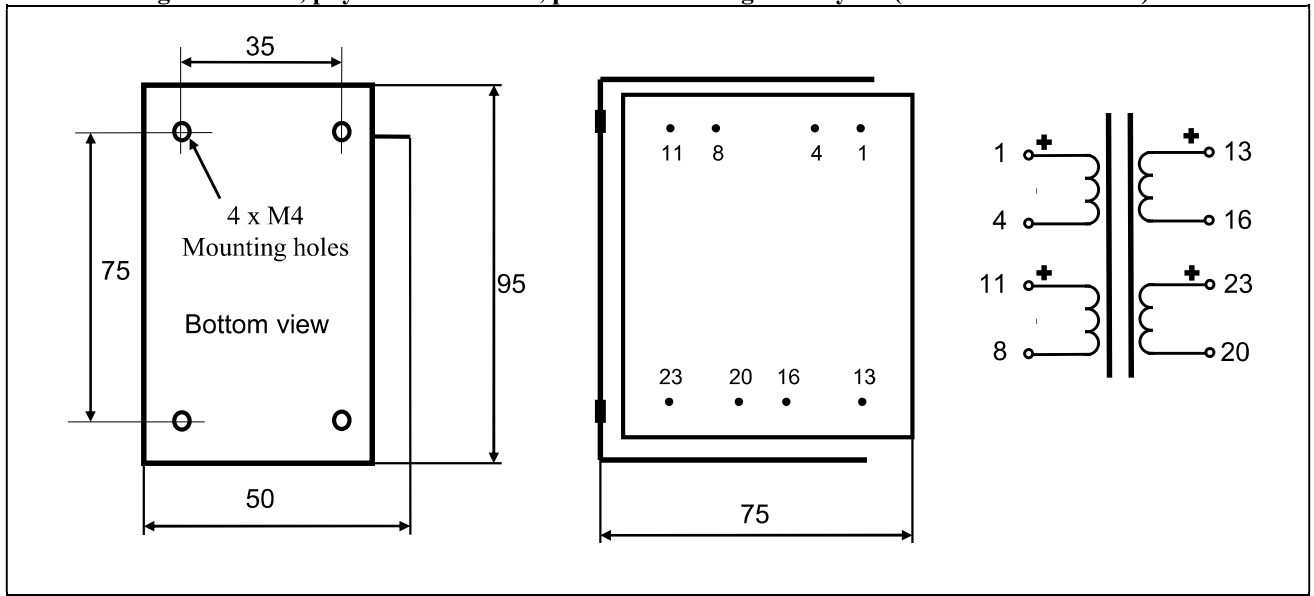
The coil is wound using our low capacitance, high internal isolation technique with internal multilayer isolation foil where layer-to-layer signal voltage is big. Winding order is chosen to minimize destructive capacitive energy buildup between primary and secondary sections.

The core is an audio C-core of our own production.

Turns ratio

1+1 : 2+2

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



Weight:

1.35 kg

Static resistance of each primary:

75 Ω

Static resistance of secondary:

290 Ω

Isolation between windings / between windings and core:

4 kV / 2 kV

Max recommended DC current through any primary winding:

220mA (5W heat dissipation)

	LL2746/30mA	
Primary inductance (approx)	45H	
Max primary signal , at 30 Hz (Operating point 1.2T)	80V r.m.s. (220V peak-peak)	

Frequency response, connected as below (source 3.9k, load 50pF) but with V+ connected to ground:

-3dB at 15Hz; -3dB at 25kHz, +/- 1dB 22Hz – 18kHz

Suggested use, interstage 1:2 with source impedance 3.9k

