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– TRANSFORMERS –

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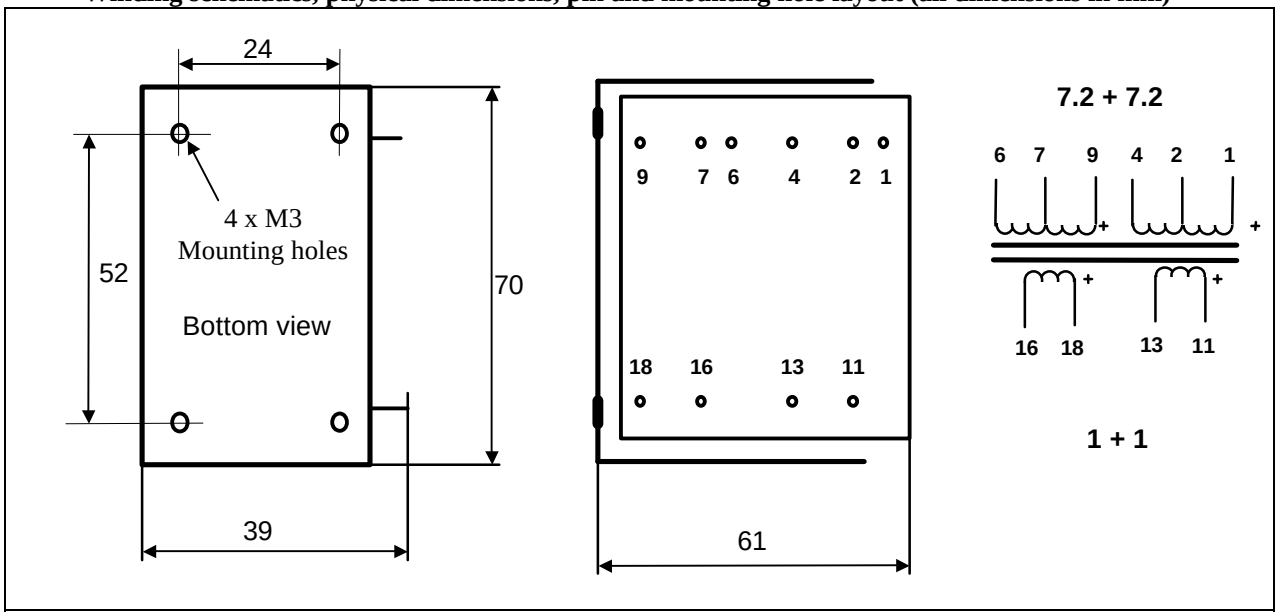
Line Output Transformer for Tube Amplifiers
LL1630

LL1630 is a line output transformer for tube amplifiers.
The transformer is highly sectioned, and wound with a special low capacitance winding technique. This results in very good high frequency performance. The transformer has a special audio C-core of our own production.

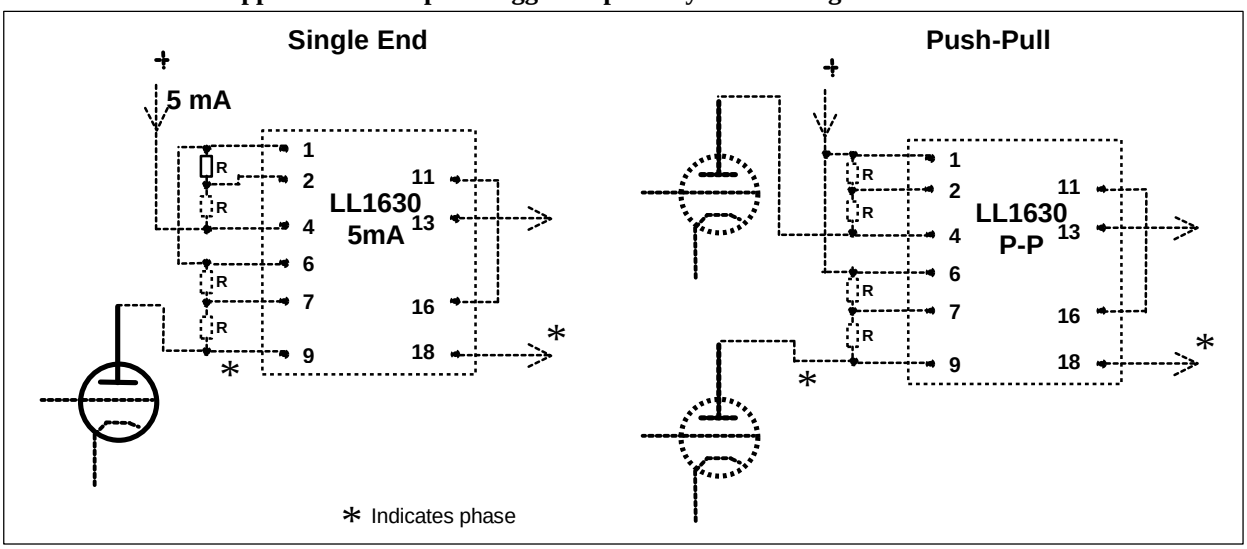
Turns ratio: 7.2 + 7.2 : 1+1

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



	LL1630 / 5mA	LL1630 P-P
Static resistance of each primary (average)	480 Ω	480 Ω
Static resistance of each secondary (average)	14 Ω	14 Ω
Primary DC current, primaries in series (For B_0 = 0.9 T)	5 mA	
Maximum DC current before core saturation, primaries in series	9 mA	
Max standing DC current through any primary section	40mA	40mA
Primary inductance (primaries in series)	130 H	> 300H
Frequency response @ 0 dBU output level	10 Hz - 40 KHz	5 Hz - 40 KHz
(Source 2 kΩ , load 600Ω. Primaries terminated as suggested below**)**	+/- 0.5 dB	+/- 0.5 dB
Max. output level at 30 Hz (Secondaries in series)	18 V rms	45 V rms
Weight	0.5 kg	0.5 kg
Isolation between primary and secondary windings / between windings and core	4 kV / 2 kV	4 kV / 2 kV

Application examples. Suggested primary terminating resistors 10 k each.



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