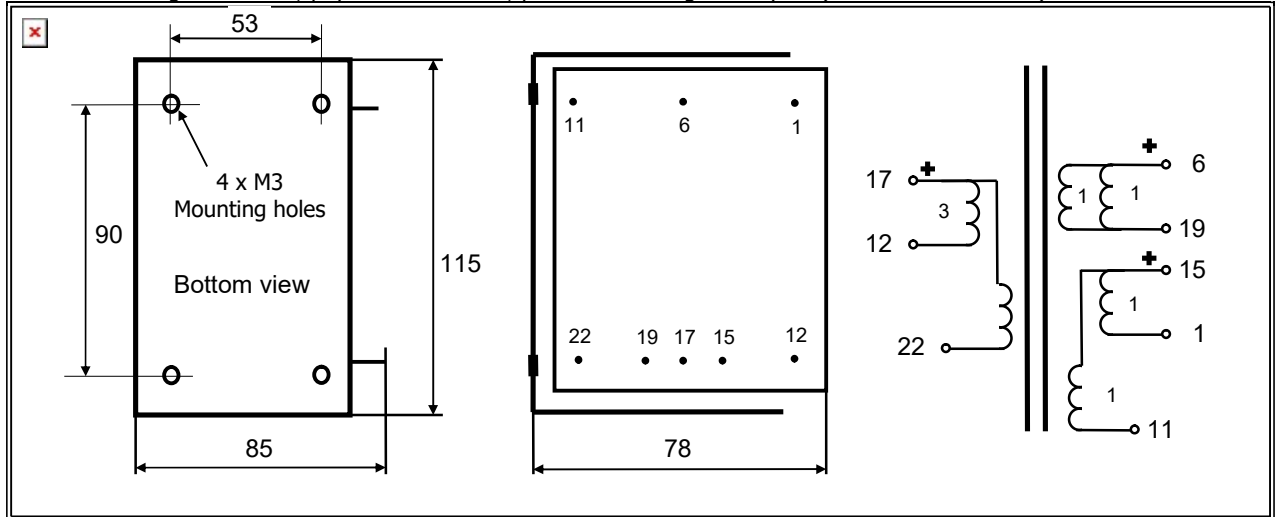


Loudspeaker Transformer LL3744

LL3744 is a low impedance loudspeaker transformer, designed for matching very low impedance loudspeaker elements (such as ribbon elements) to "normal" amplifiers. In this application the transformer is most often used as an autoformer, but LL3744 can also be used as a full transformer.

The C core is a high-quality grain-oriented silicon steel C-core from our own production.

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



Weight	Turns ratio	Static resistance, each winding "3"	Static resistance, each winding "1"
2.5 Kg	3 : 1+1	0.1 Ω	0.04 Ω

Max input signal across one primary ("3") winding at 50Hz:

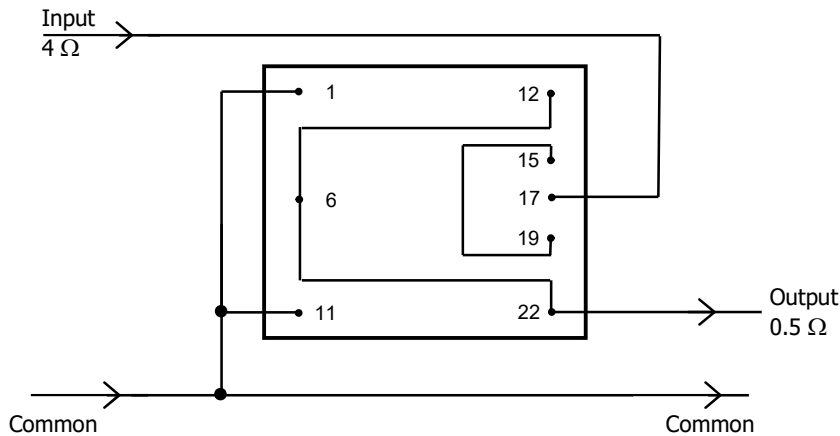
22V RMS

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

2 kV / 1 kV

LL3744/75 μ m is gapped to reduce primary inductance. Purpose is to reduce effects of very low (1-2Hz) signal components on loudspeaker-element ribbon.

Autoformer 2.5:1
For 4 Ω : 0.5 Ω
Max input voltage at 50 Hz: 36V



R250611 PL