Tibeliusgatan 7

## Moving Coil Input Transformer

## LL1933

LL1933 is a high performance moving coil step-up transformer. The transformer combines our dual coil structure with Cardas high purity copper wire in an oversized design. The objective with LL1933 is to provide an alternative for the successful amorphous core LL1931 for those who prefer a low distortion, linear magnetization curve nickel lamination core transformer. The dual-coil structure greatly improves immunity to external magnetic fields from power supplies, motors etc. The transformer is housed in a mu-metal can.

Turns ratio: $1+1: 8+8$
Pin layout (viewed from component side) and winding schematics:


Dimensions ( $\mathrm{L} \times \mathrm{W} \times \mathrm{H}$ above PCB, in mm)

## Spacing between pins

Spacing between rows of pins
Rec. PCB hole diameter:
Weight:
Static resistance of each primary:
Static resistance of each secondary:
Frequency response (serial connection, source $50 \Omega$, no load / secondaries open):
Isolation between windings/ between windings and core:
$47 \times 28 \times 24$
5.08 mm ( $0.2^{\prime \prime}$ )
35.6 mm (1.4")
1.5 mm

115 g
$1.5 \Omega$
$85 \Omega$
8 Hz -- $100 \mathrm{kHz}+/-1.0 \mathrm{~dB}$
3 kV / 1.5 kV

Connection alternatives:


