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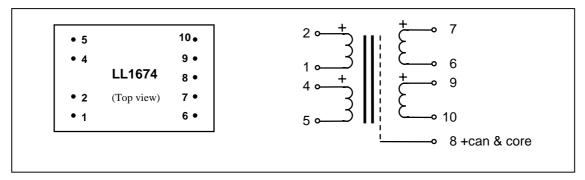
High Level Tube Amplifier Input Transformer LL1674

The LL1674 is a large, high signal level audio transformer built with the well know Lundahl amorphous core. The LL1674 consists of two coils, each with a two-sectioned primary winding and a high level secondary winding separated by electrostatic shields. The core is a two-component amorphous strip core. The very high mu of the core results in a phase shift of less than 0.5 degree at 10Hz.

The transformer is magnetically shielded by a mu metal housing.

Turns ratio: 1 + 1 : 4 + 4Dims (Length x Width x Height above PCB (mm)): 43 x 28 x 21

Pin layout (viewed from component side) and winding schematics:



Spacing between pins: 5.08 mm (0.2") **Spacing between rows of pins:** 30.48mm (1.2")

Weight: 80 g Rec. PCB hole diameter: 1.5 mm

Static resistance of each primary (average):	33Ω
Static resistance of each secondary (average):	605Ω
Distortion	22V rms (+29 dBU) secondary level,
(primaries connected in parallel, source impedance 150Ω):	30 Hz: 1%
	22V rms (+29 dBU) secondary level,
	50 Hz: 0.2%
Self resonance point :	70 kHz
Optimum termination for best frequency response	No termination required
(source imp. 150Ω):	
Frequency response	10Hz – 45kHz +/- 0.5dB
(source 150Ω , load $10k$)	-3dB @ 80kHz
Isolation between primary and secondary windings/ between	3 kV / 1.5 kV
windings and shield (rms):	

Suggested usage, 1: 4+4

