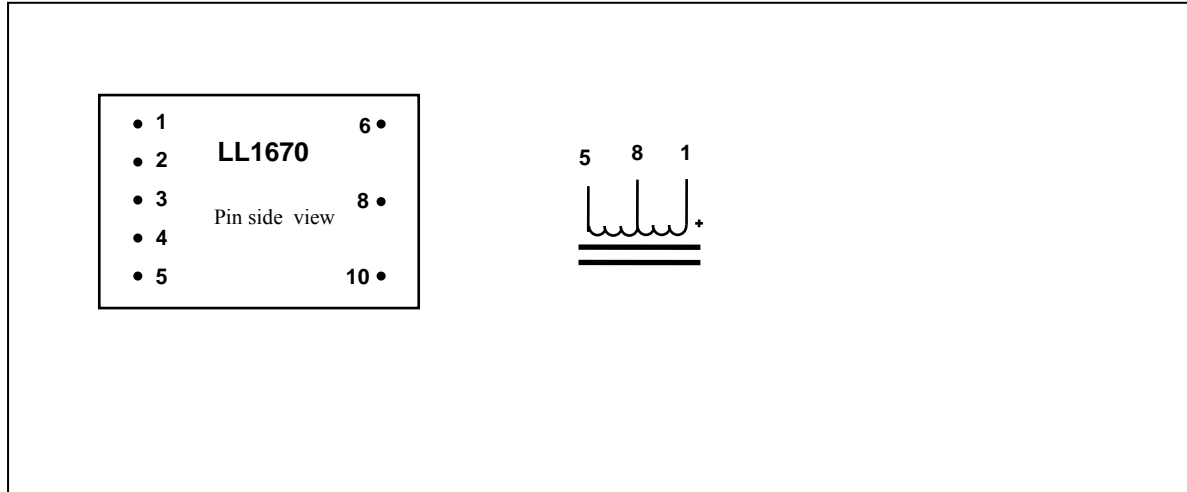


Grid choke LL1670

The LL1670 is a small size, high inductance grid choke for tube amplifiers. The choke is built with two coils and is using one of our own special audio C-cores. The coils is wound using a low capacitance coil winding technique. The two coil structure greatly reduces the risk of picking up hum caused by external magnetic fields from e.g. mains transformers.

Winding schematics, and pin layout



Dimensions (mm) (Length x Width x Height above PCB/ excluding pins)	43 x 28 x 20
Weight	88 g
Spacing between pins	5.08 mm (0.2")
Spacing between rows of pins	30.48 mm (1.1")
Recommended minimum PCB hole dimensions	1.5mm
Static resistance of winding	4.8 kΩ (2.4 kΩ + 2.4 kΩ)
Max DC current per winding, all applications	10 mA
Isolation between windings and core	2 kV
Max signal at 30Hz	100V rms

Type	Inductance (windings in series)	Standing DC current	Saturating DC current
LL1670 / 0.8mA	540 H	0.8 mA	1.2 mA