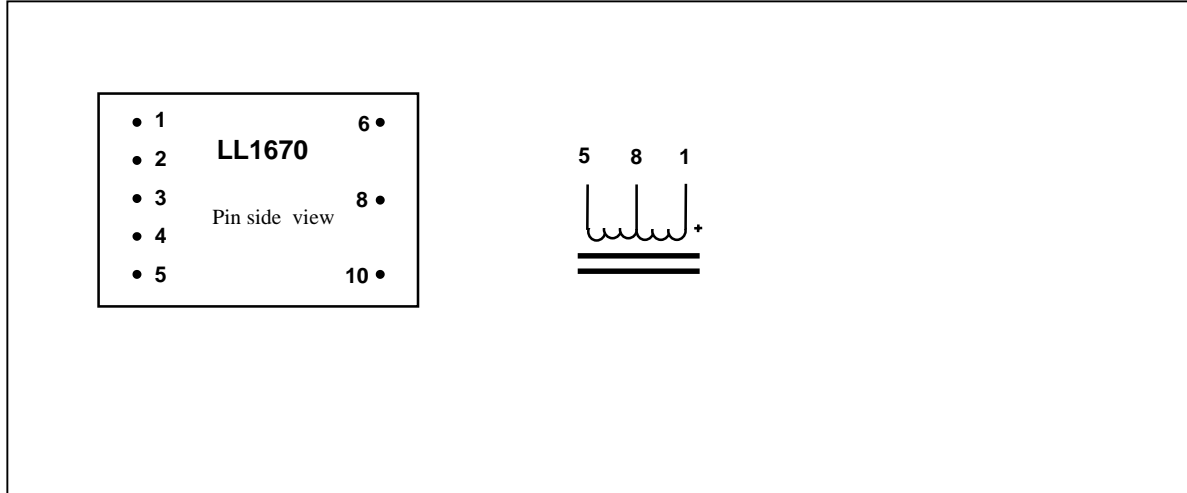


Grid choke LL1670

The LL1667 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 | 5.3 kΩ (2.65 kΩ + 2.65 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 |