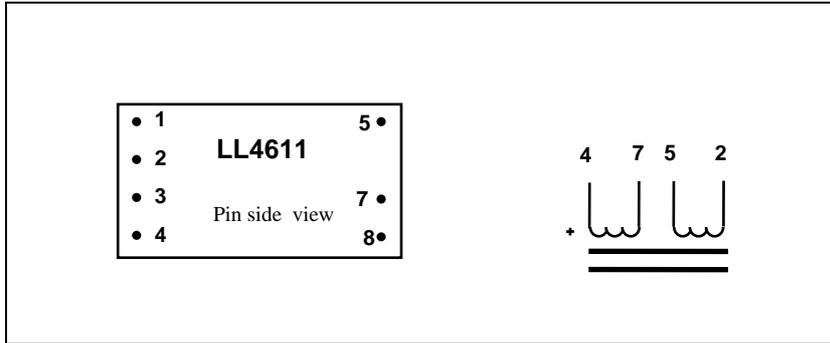


RIAA inductor LL4611

The LL4611 inductor consists of two coils and a special mu metal C-core. The coils are wound using our standard low capacitance coil winding technique using paper insulation between each layer of copper wire. The dual coil structure greatly reduces the risk of picking up hum caused by external magnetic fields from e.g. mains transformers. The inductor is cased in a mu metal housing for additional magnetic insulation.

Winding schematics and pin layout (viewed from pins' side!)



Dimensions (mm) (Length x Width x Height above PCB/ excluding pins)	38 x 23 x 22
Weight	75 g
Spacing between pins	5.08 mm (0.2")
Spacing between rows of pins	27.94 mm (1.1")
Recommended minimum PCB hole dimensions	1.5mm
Static resistance of each winding	14 Ω

Type	Inductance, windings in series	Copper resistance, windings in series	Inductance, windings in parallel	Copper resistance, windings in parallel	Inductance tolerance from nominal value
LL4611 / 1.8H	1.8 H	25 Ω	0.45 H	6.2 Ω	+/- 8%
LL4611 / 0.18H	0.18 H	25 Ω	45 mH	6.2 Ω	+/- 7%

LL4611/1.8H matched pair tolerance	4% or less
LL4611/0.18H matched pair tolerance	3% or less

Electrical Connection:

Windings in series:	in 4 out 2 connect 7 + 5
Windings in parallel:	In 4 + 5 out 2 + 7