LUNDAHL
– TRANSFORMERS –

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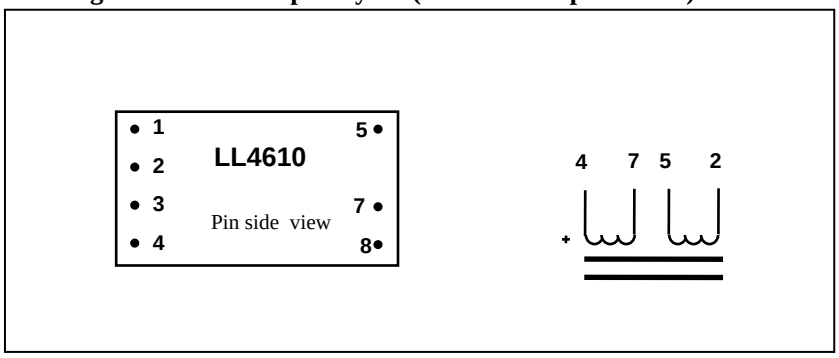
Filter choke LL4610

The LL4610 filter choke is built with two coils and is using a special Lundahl C-core. The coils are wound using a low capacitance coil winding technique and paper insulation. The dual 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 (viewed from pins' side!)



Dimensions (mm)	38 x 23 x 20
(Length x Width x Height above PCB/ excluding pins)	
Weight	68 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	12.4 Ω

Type	Inductance, windings in series	Copper resistance, windings in series	Inductance, windings in parallel	Copper resistance, windings in parallel
LL4610 / 1.8H	1.8 H	25 Ω	0.45 H	6.2 Ω
LL4610 / 0.18H	0.18 H	25 Ω	45 mH	6.2 Ω

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

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