LUNDAHL
– TRANSFORMERS –

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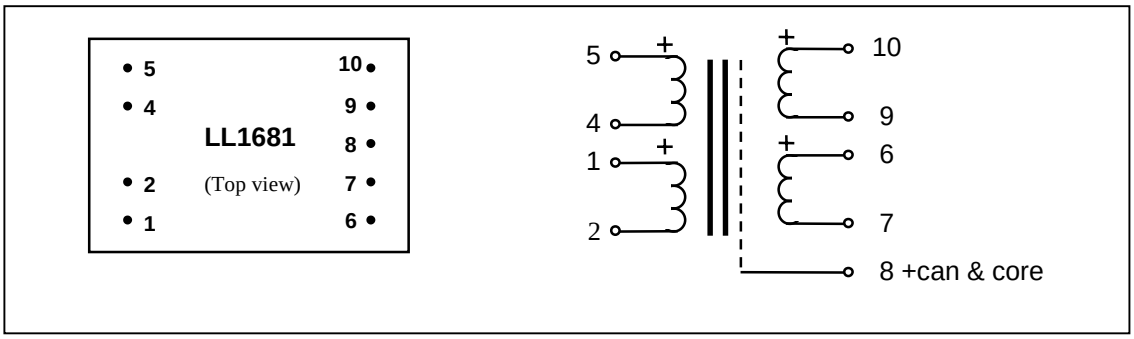
Moving Coil Input Transformer
LL1681

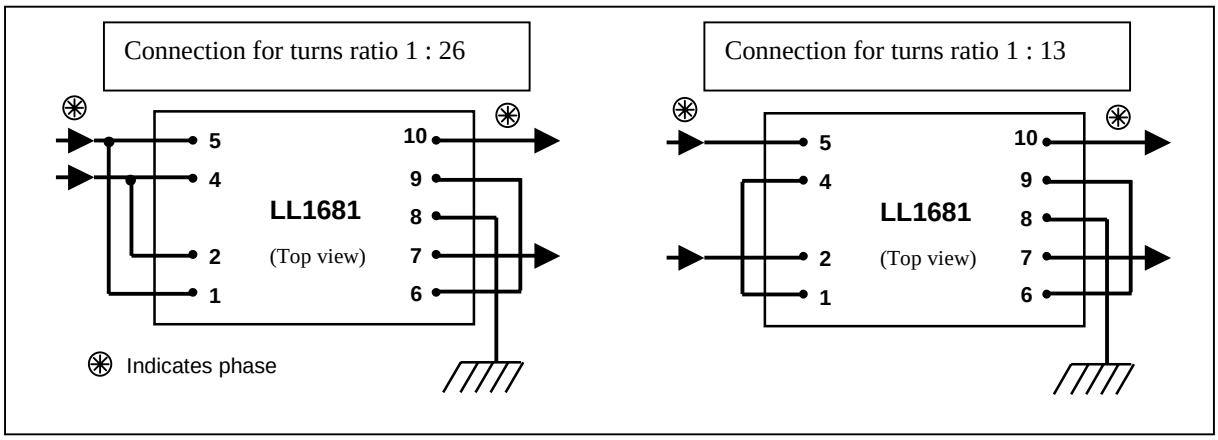
The LL1681 is a large core moving coil input transformer with a mu-metal core.
The LL1681 consists of two coils, each with a two-sectioned primary winding and one high level secondary winding (with paper insulation) separated by electrostatic shields.
The transformer is magnetically shielded by a mu metal housing.

Turns ratio: 1 + 1 : 13 + 13
Dims (Length x Width x Height above PCB (mm)): 48 x 29 x 20
Pin layout (viewed from component side) **and winding schematics:**



Spacing between pins: 5.08 mm (0.2")
Spacing between rows of pins: 35.56mm (1.4")
Weight: 90 g
Rec. PCB hole diameter: 1.5 mm

Static resistance of each primary:	4.8Ω
Static resistance of each secondary:	820Ω
Distortion (Transformer connected 1:26, source impedance 40 ohms)	< 0.15% at –10 dBU, 50Hz (typically 0.1%)
	< 1% at +5 dBU, 50Hz
Frequency response, balanced input (Transformer connected 1:13, source 50Hz, sec. level +10dBU)	7Hz – 70 kHz +/- 1dB
Frequency response, Unbalanced input (Transformer connected 1:13, source 50Hz, sec. level +10dBU)	7Hz – 40 kHz +/- 1dB
Isolation between primary and secondary windings/ between windings and shield:	4 kV / 2 kV



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