

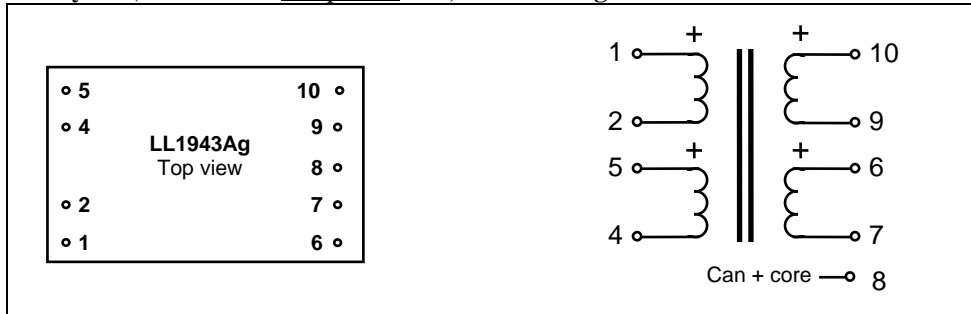
Silver Wire Moving Coil Input Transformer LL1943Ag

LL1943Ag is a silver wire version of our LL1943 high turns ratio, high performance moving coil step-up transformer. The LL1943Ag combines our dual coil structure with high purity (99.99%) silver wire in an oversized design. The core is a mu metal lamination core for low distortion and for a linear magnetization curve. The dual-coil structure greatly improves immunity to external magnetic fields from power supplies, motors etc. The transformer is housed in a mu-metal can.

Turns ratio:

1 + 1 : 16 + 16

Pin layout (viewed from component side) **and winding schematics:**



Dimensions (L x W x H above PCB, in mm)

47 x 28 x 24

Spacing between pins

5.08 mm (0.2")

Spacing between rows of pins

35.6 mm (1.4")

Rec. PCB hole diameter:

1.5 mm

Weight:

115 g

Static resistance of each primary:

0.4 Ω

Static resistance of each secondary:

80 Ω

Frequency response (serial connection, source 10 Ω, no load / secondaries open):

8 Hz -- 100 kHz +/- 1.0 dB

Isolation between windings/ between windings and core:

3 kV / 1.5 kV

Connection alternatives:

