

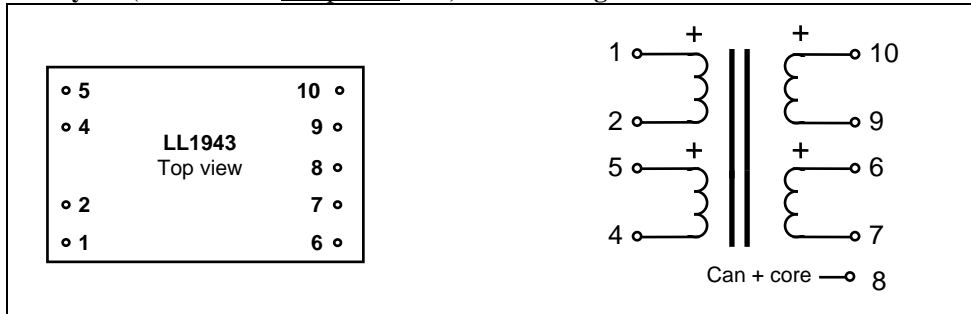
## Moving Coil Input Transformer LL1943

LL1943 is a high turns ratio of our LL1933 high performance moving coil step-up transformer. The LL1943 transformer combines our dual coil structure with Cardas high purity copper wire in an oversized design. The objective with LL1943 is to provide an alternative for the amorphous core LL1941 for those who prefer a low distortion, linear magnetization curve nickel lamination core transformer. 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:**

0.8 Ω

**Static resistance of each secondary:**

85 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:

