

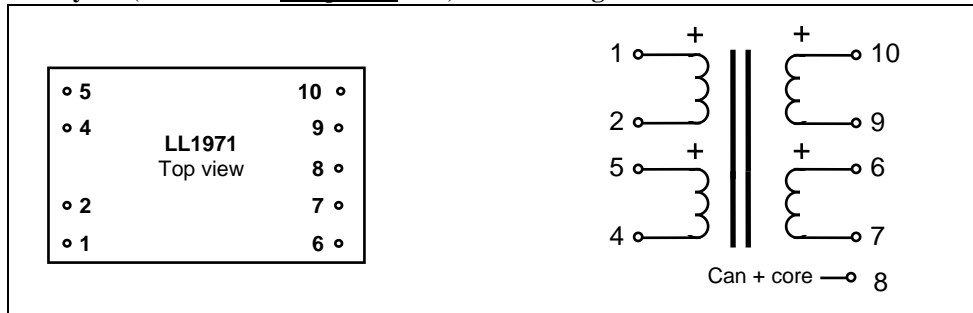
Amorphous Core Moving Coil Input Transformer LL1971

LL1971 is a high performance moving coil step-up transformer. The transformer combines our unique uncut amorphous cobalt core and our dual coil structure with Cardas high purity copper wire in an oversized design. The objective is to provide the best possible MC transformer, cost-no-object. 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 : 12 + 12

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



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

43 x 28 x 22

Spacing between pins

5.08 mm (0.2")

Spacing between rows of pins

30.5 mm (1.2")

Rec. PCB hole diameter:

1.5 mm

Weight:

92 g

Static resistance of each primary:

0.6 Ω

Static resistance of each secondary:

90 Ω

Frequency response (serial connection, source 25 Ω, load 47kΩ):

10 Hz -- 100 kHz +/- 1.0 dB
(galvanically isolated sides)

Frequency response (as above):

10 Hz -- 40 kHz +/- 1.0 dB
(galvanically connected sides)

Isolation between windings/ between windings and core:

3 kV / 1.5 kV

Connection alternatives:

