

Ribbon Microphone Transformer LL1927A

(Difference between LL1927 and LL1927A is pinout)

The LL1927A is a very high turns ratio transformers for active ribbon microphones. The transformer has an uncut amorphous strip core and is built up from two coils of each four sections for low leakage inductance.

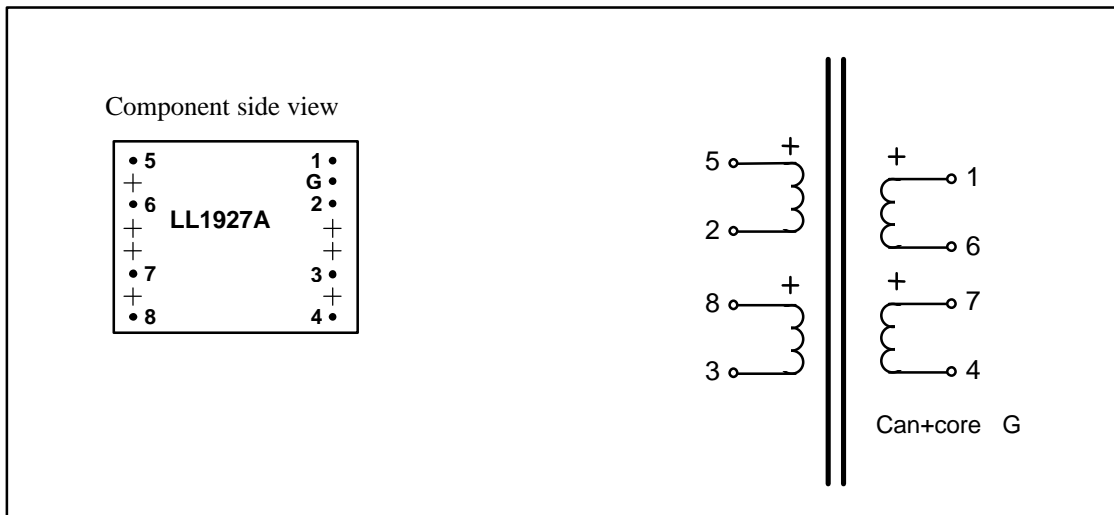
Turns ratio:

1 + 1 : 55 + 55

Dims: (Length x Width x Height above PCB (mm))

30 x 22.5 x 14.5

Pin Layout and Windings Schematics:



Spacing between pin positions:

2.54 mm (0.1")

Spacing between rows of pins:

22.86 mm (0.9")

Weight:

27 g

Rec. PCB hole diameter:

1.5 mm

Housing:

Mu metal

Core:

High mu amorphous strip core

Static resistance of each primary (average):

0.05 Ω

Static resistance of each secondary:

182 Ω

Frequency response (Source 0.3Ω, load 10kΩ.

Connection 1 : 110. Secondary signal level 0dBu)

10Hz – 70kHz +/- 1dB

Suggested connections for ribbon microphone

