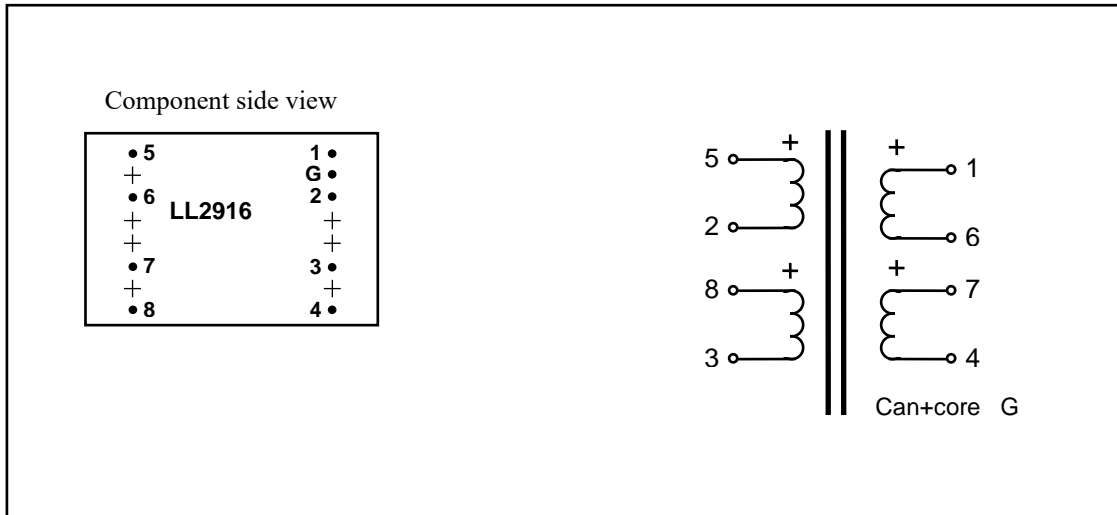


Ribbon Microphone Transformer LL2916

The LL2916 is a very high turns ratio transformers for active ribbon microphones. For low leakage inductance, the transformer is built up from two coils each with four winding sections. Transformer core is a mu metal lamination core. The transformer is pin compatible with our LL1927A, but the housing/footprint is bigger.

Turns ratio: 1 + 1 : 55 + 55
Dims: (Length x Width x Height above PCB (mm)) 38 x 24 x 17
Pin layout and simplified windings schematics:



Spacing between pin positions: 2.54 mm (0.1")
Spacing between rows of pins: 22.86 mm (0.9")
Weight: 47 g
Rec. PCB hole diameter: 1.5 mm
Housing: Mu metal
Core: Mu metal lamination core
Static resistance of each primary (average): 0.06 Ω
Static resistance of each secondary: 210 Ω
Frequency response (Source 0.3Ω, load 10kΩ.
 Connection 1 : 110. Secondary signal level 0dBu) 10Hz – 40kHz +/- 1dB

Suggested connections for ribbon microphone

