

Loudspeaker Autotransformer LL1979

LL1979 is an autotransformer designed for driving low impedance loudspeaker elements from “normal” audio amplifiers. LL1979 is designed with a silicon-iron C-core for high signal level capability in a compact design.

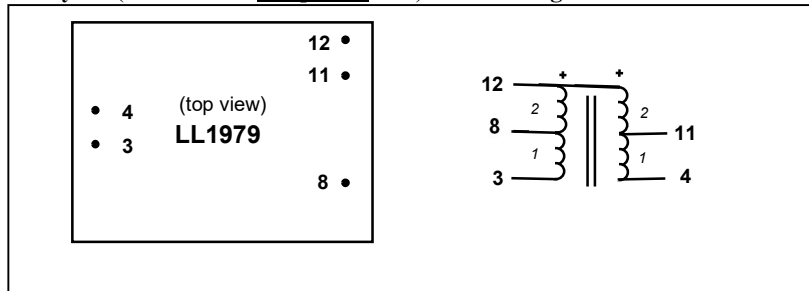
Turns ratio (autoformer):

3 : 1

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

46 x 34 x 25

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



Spacing between pin positions in a row:

5.08 mm (0.2")

Spacing between rows of pins:

35.56 mm (1.4")

Weight:

135 g

Core:

Silicon Iron C-core

Rec. PCB hole diameter:

1.5 mm

Static resistance winding 12 --- (8+11):

0.3 Ω

Static resistance winding (8+11) ---- (3+4)

0.07 Ω

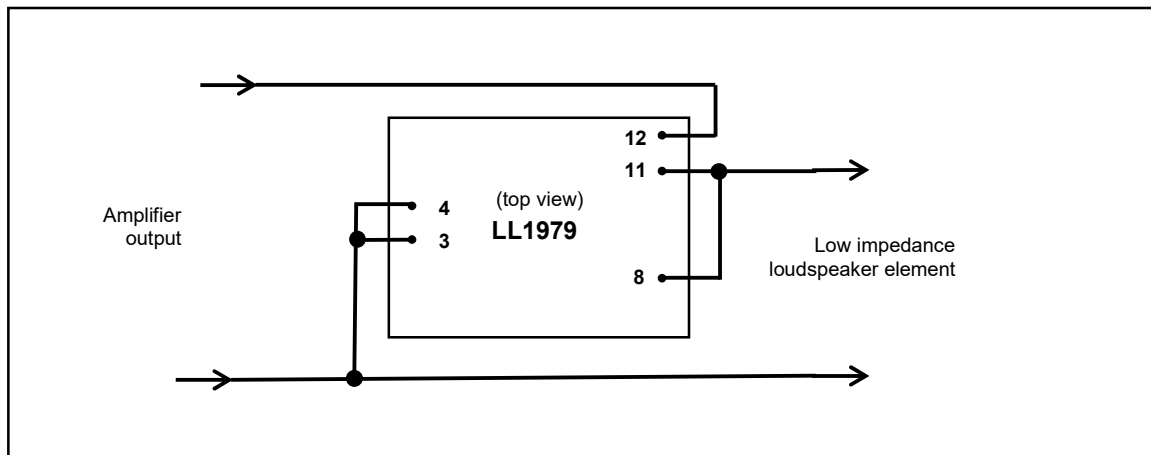
Maximum input level

6V rms @ 50 Hz

Corresponding output signal at above input signal

2V rms

Max output power at 50Hz with a 0.5 Ω loudspeaker element is approx. 9W



R250818 PL