

## SOWTER TYPE 9980 Output Transformer for REDD47 etc

### Applications

Recording quality output transformer designed for this excellent amplifier originally used by the Beatles at Abbey Road. The design is based on the original but with our enhancements. Ratio 7:1+1. 10K/200+200 ohms. Normally used with secondary windings in parallel to give a +18 dBu at 20 Hz but may be series connected for +26 dBu at 20 Hz. Very large 50% Mumetal 50% M6 core for high output level, ultra-low distortion and exceptional dynamic range. Mumetal can. Colour coded leads. Bandwidth 10 Hz to 50 kHz. Can size 45 mm dia x 52.5 mm high mounting grommet (type 9980E) or 2 x M3 holes (type 9980I). Tested with Drip Electronics <https://www.dripelectronics.com/>

"Four Seven" PCB. Can be configured for 500 or 150 Ohms nominal output impedance. Very large core 50% Mumetal and 50% M6 and thick Mumetal can. Colour coded leads. Must be ac coupled to prevent dc in the primary.

### Features

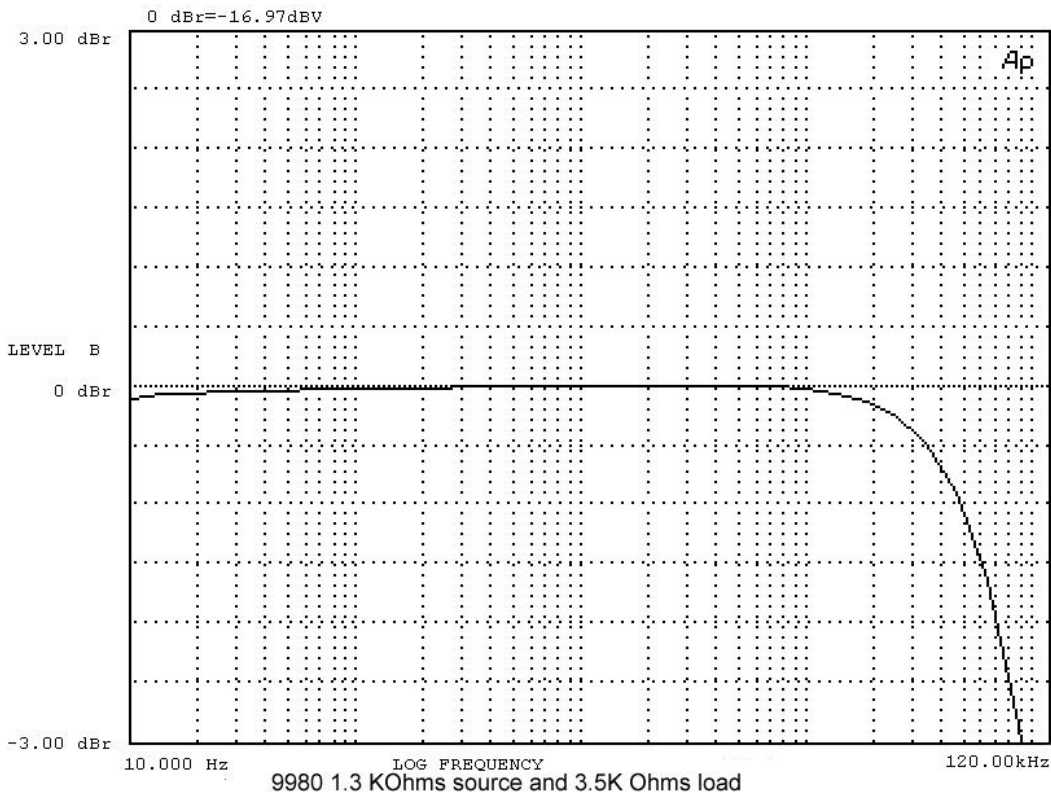
Combination core ensures minimal harmonic distortion and exceptional level and bandwidth. The M6 part of the core seamlessly "takes over" for low frequency high level signals. Multiple interleaved windings ensuring exceptionally high frequency response. Very low phase shift ensures excellent transient response. Mumetal can for magnetic shielding. Threaded grommet and M3 fixing screws options.



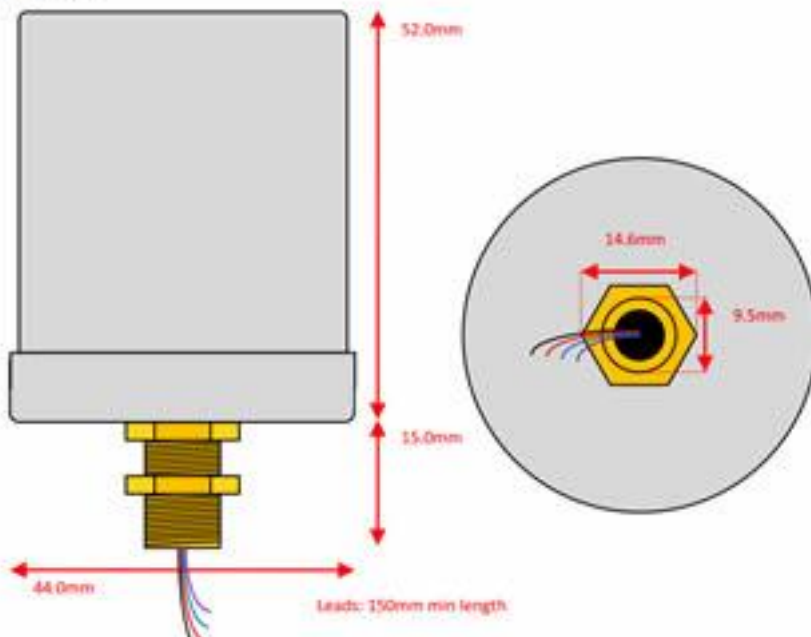
## Specifications

Item	Value
RATIO	7:1+1
FREQUENCY RESPONSE (Typical) 600 Ohm source 50 K Ohm load	3 dB 5 Hz and 100 KHz
PRIMARY INDUCTANCE (Typical)	220 H
DC RESISTANCE (Primary typical)	580 Ohms
DC RESISTANCE (Secondary typical)	41 Ohms
MAX LEVEL at 50 Hz	+33 dBu

## Mechanicals



Size: J Style: e



## 9980

