

SOWTER TYPE 9970 REDD47 Mic Input Transformer

Applications

Recording quality microphone transformer designed for this excellent amplifier originally used by the Beatles at Abbey Road. Ratio 1:7 with 35% secondary tap. Very large 100% Mumetal core and thick Mumetal can. Colour coded leads. Primary inductance 15H approx - 0.5 dB at 8 Hz with 200 ohm microphone. Can size 45 mm dia 52.5 mm high mounting grommet (Type 9970E) or 2 x M3 holes (Type 9970I). Tested with Drip Electronics <https://www.dripelectronics.com/> "Four Seven" PCB. Ratio 1:7 with 35% secondary tap. Very large 100% Mumetal core and thick Mumetal can. Colour coded leads. Threaded grommet and M3 fixing screws options.



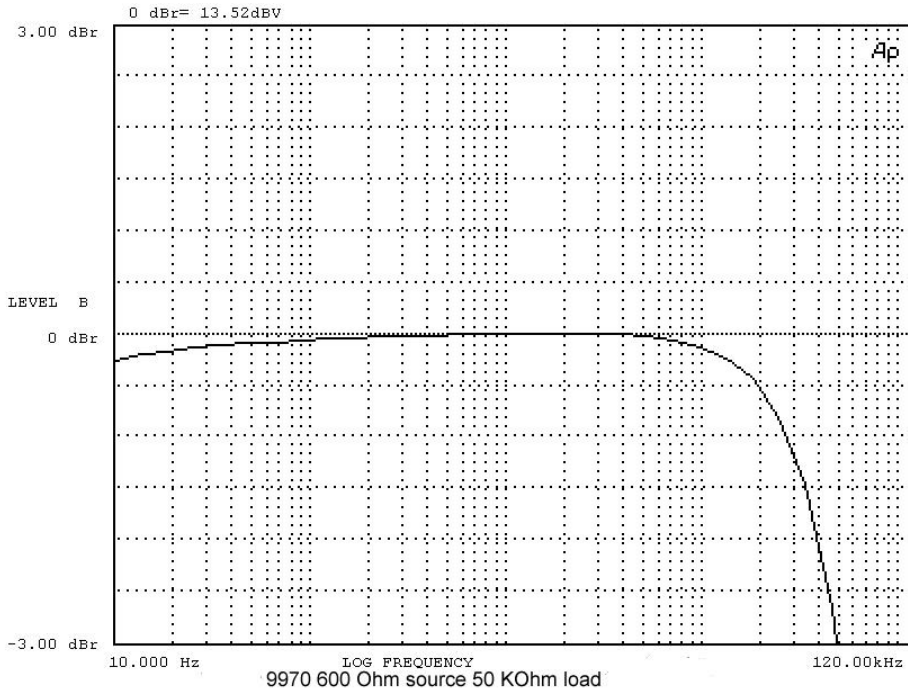
Features

Mumetal core for minimal harmonic distortion and exceptional bandwidth. Very high primary inductance for minimal loading on a source up to 600 Ohms. Multiple interleaved windings ensuring exceptionally high frequency response. Very low phase shift ensures excellent transient response. Mumetal can for magnetic shielding. A relatively large core ensures high level capability. Threaded grommet and M3 fixing screws options.

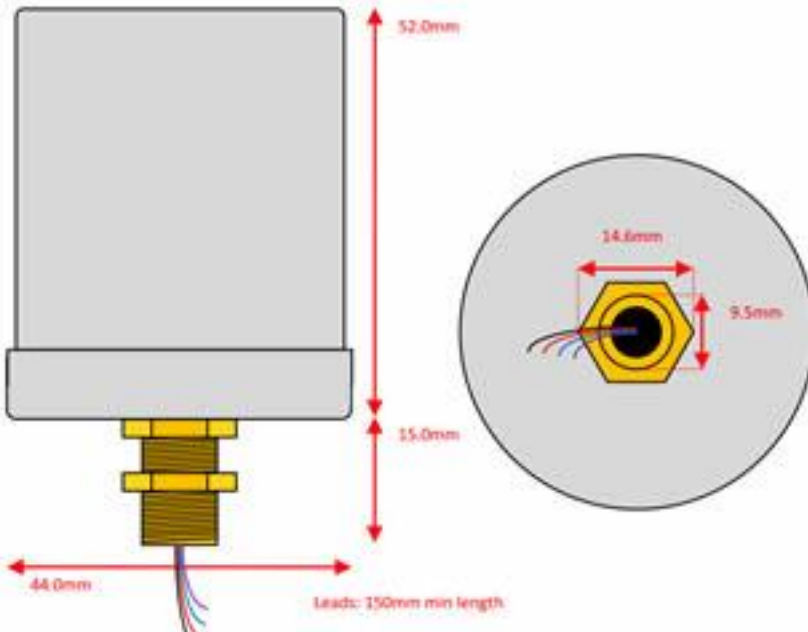
Specifications

Item	Value
RATIO	1:7 with 35% secondary tap
FREQUENCY RESPONSE (Typical) 600 Ohm source 50 K Ohm load	3 dB 5 Hz and 50 kHz
PRIMARY INDUCTANCE (Typical)	15 H
DC RESISTANCE (Primary typical)	26.3 Ohms
DC RESISTANCE (Secondary typical)	1.62 K Ohms
MAX LEVEL at 50 Hz	+24.4 dBu

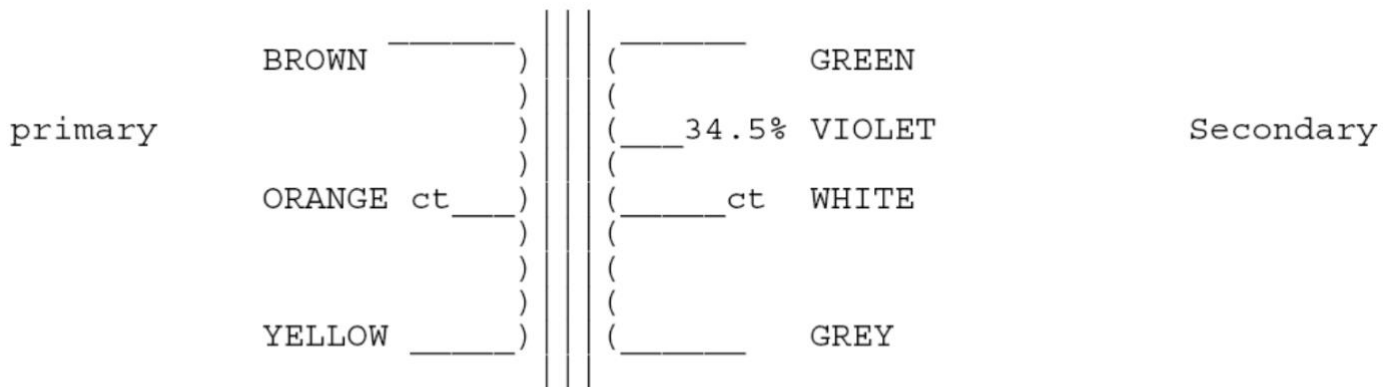
Mechanicals



Size: J Style: e



9970



The centre-taps may be isolated if not required.