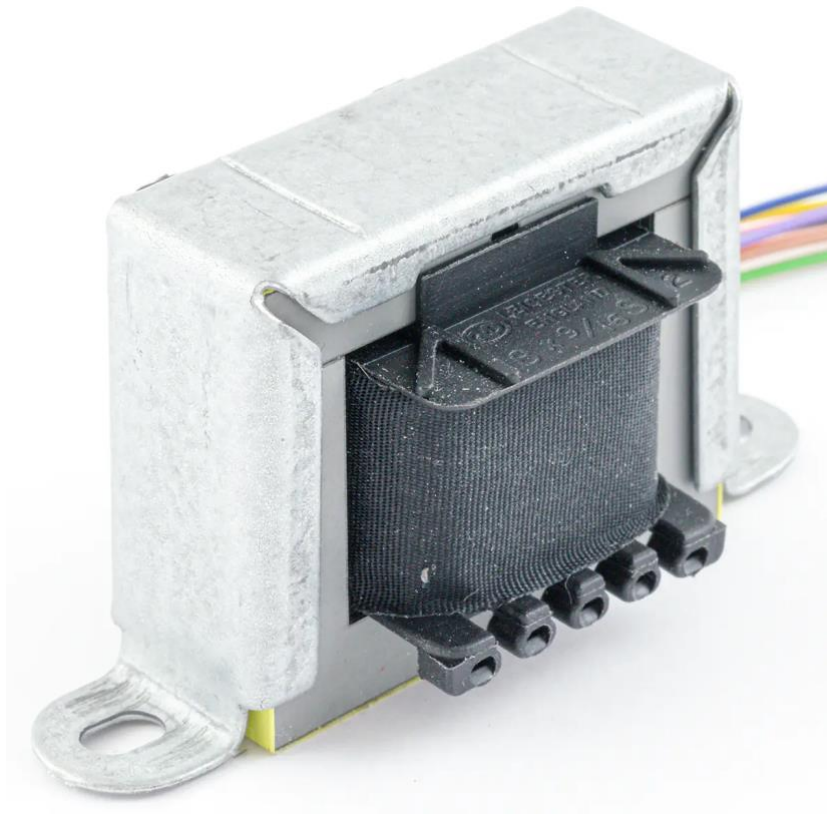


## SOWTER TYPE 9530

### Pulreq EQP-1A 15K/600 PP Line op. Transformer

## Applications

Ratio 10CT:1+1 4% NFB. Max output level +23 dBu. Total dc resistance 40 ohms ref secondary. Can be configured for 600 or 150 ohm secondary. 50% Mumetal core for exceptional bandwidth. Mumetal can with threaded grommet. Tested with Drip EPQ1A (9530E). Exceptionally high performance 600 ohm line output transformer. Developed for use in the Pulreq EQP-1A Equalizer. Can also be used for Push-Pull, ac coupled Cathode Follower and SSRP circuits etc. Ideal for HiFi pre-amplifiers, Microphone amplifiers, Compressors, Equalizers etc. Ideal for 6SN7 or ECC83 valves. 9530e tested with Drip Electronics PCB.



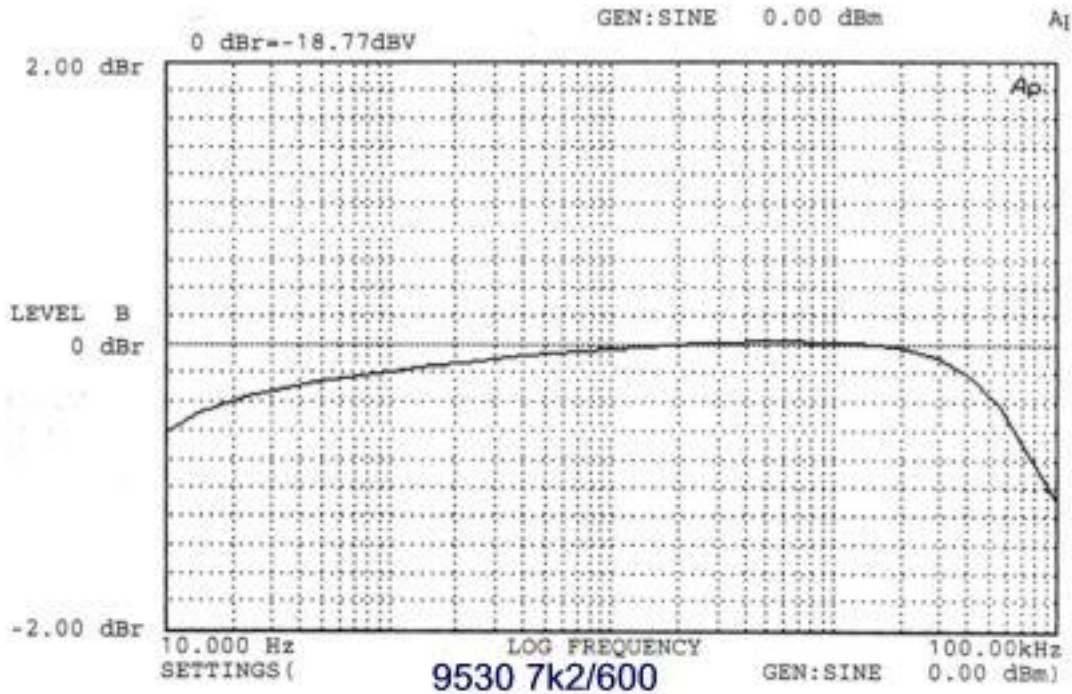
## Features

Combination Mumetal and Grain Oriented (M6) laminated core for minimal distortion and a good output level. The Mumetal core ensures the low distortion, frequency and transient response is maintained even at very low levels where the ear less sensitive. Geometrically balanced, multiple interleaved primary and secondary windings to give an unusually wide bandwidth. The centre tapped winding for negative feedback is bifilar wound with the primary which ensures minimal phase shift and high stability of the feedback loop.

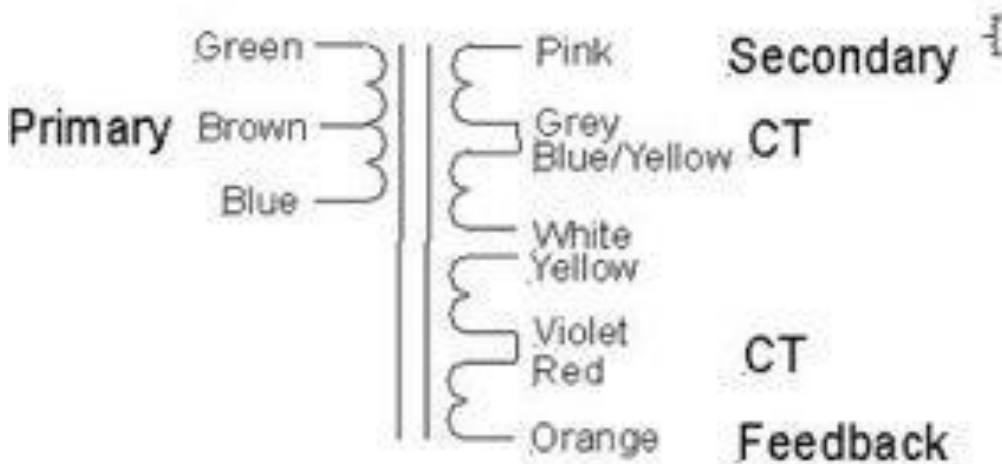
## Specifications

Item	Value
Voltage ratio	5CT:1
Feedback winding	25:1 (ref primary)
Bandwidth (-3 dB points, typical)	10 Hz to 120 kHz
Total DC resistance ref primary	950 ohms
Max dc current per side of primary	30 mA max
Max unbalanced dc current	0.5 mA
Max output level at 50 Hz	+23 dBu (11 Volts)

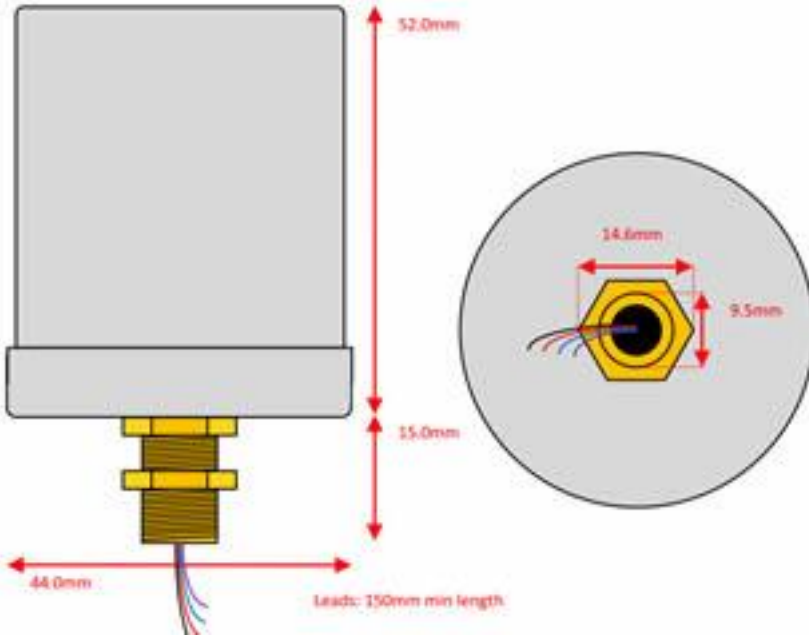
## Mechanicals



FREQUENCY RESPONSE - Typical response 600 Ohms source 600 Ohm load.



Size: J Style: e



Size: J Style: a

