

SOWTER TYPE 1290

Teletronix LA-2A Original 15K/600 Line Output Transformer

Applications

For use in a high-performance valve compressor/amplifier etc for driving a balanced line from an ac coupled cathode follower or SRPP circuit. Similar to UTC A24 and Triad HS-50 (in overall 5:1 configuration) but with improved bandwidth. Introduced to provide a Mumetal can option to our type 1010. Suitable for the Drip OPTO 4 and OPTO 5 (LA-2A) PCB.

Ratio 5:1. 15k/600 ohms output transformer for driving balanced line from ac coupled cathode follower or SRPP circuit. Total dc resistance ref secondary 31 ohms. Colour coded leads and threaded grommet mounting. Max output level +30 dBu. 30% Mumetal core

for exceptional bandwidth and dynamic range. Similar to UTC A24 and Triad HS-50 (in overall 5:1 configuration) but with improved bandwidth. Suitable for Drip Electronics Opto 4 and 5 PCB. Also suitable for UE-100 Output.

This transformer is very similar to type 1010 and is essentially a size and cost reduced version achieved by using a smaller lamination size and a smaller proportion of Mumetal laminations. The can size is also smaller and less expensive. The performance is unaffected except at very high-level low frequencies where the THD measures somewhat higher.

Features

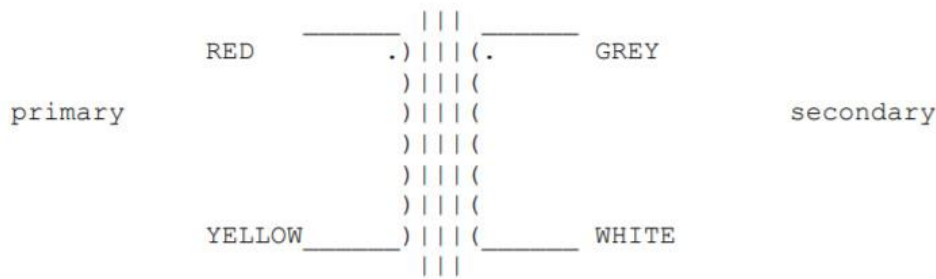
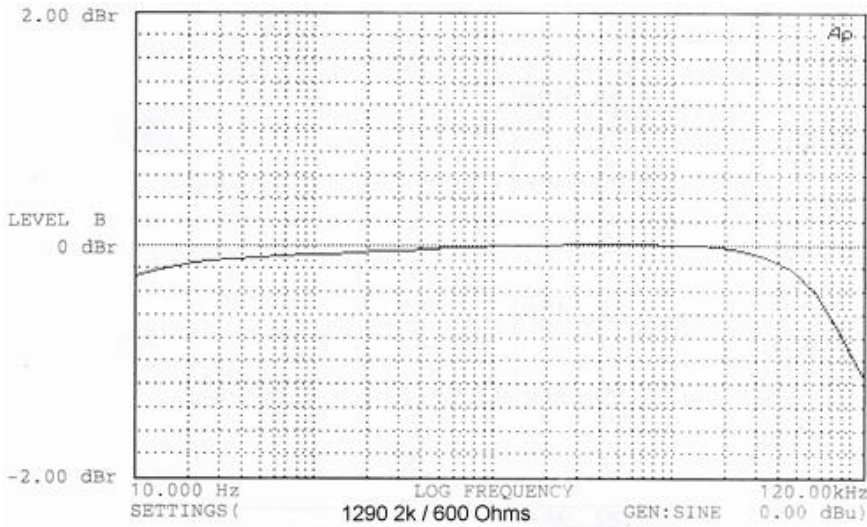
Combination core using Mumetal 30% and high grade M6 Grain Oriented Silicon Iron (70%) for high level capability whilst ensuring minimal distortion particularly at mid and high frequencies. Exceptional bandwidth. Colour coded leads. Mounting with Threaded Grommet.



Specifications

Item	Value
RATIO	5 : 1
MAXIMUM OUTPUT LEVEL 0.5 % THD at 50 Hz	+30 dBu
DISTORTION at 50 Hz (Source 40 ohms)	0.05% at +20 dBu
PRIMARY INDUCTANCE	97H
FREQUENCY RESPONSE 2kOhm source 600 ohm load	+/- 0.5 dB 10 Hz to 100 kHz typical
MAXIMUM PRIMARY DC per side	0 mA
DCR (Primary)	176 ohms

Mechanicals



Size: J Style: e

