

SOWTER TYPE 3575 10k/10kCT Isolator-Balancer

Applications

For reduction of most kinds of noise caused when equipment are connected. Ideal as an input transformer for a valve or transistor amplifier to provide a balanced, isolated line input which will then accept balanced or unbalanced sources of any impedance. Unbalanced to balanced conversion and vice versa. For use where it is important not to load the driving circuit. For helping to ensure Electromagnetic Compatibility (EMC) compliance. High level capability means it will not be overloaded in most applications.

General purpose. For eliminating ground loops with connected equipment. Our Best Seller for trouble shooting installations. Converts tube amp unbalanced input to balanced which can then be driven from balanced or unbalanced sources. max level +26 dBu. May be used as a phase splitter for a balanced amplifier. 100% Mumetal core. Tested with Drip Electronics Altec 436C PCB. Mumetal can style fOCC wire option.



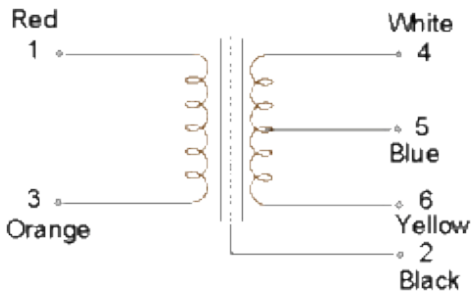
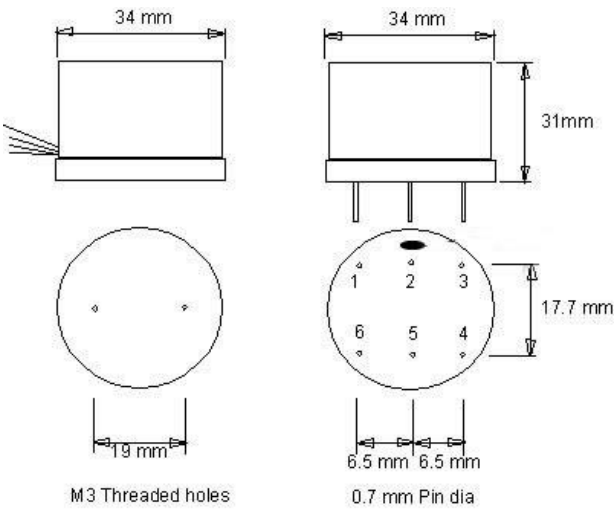
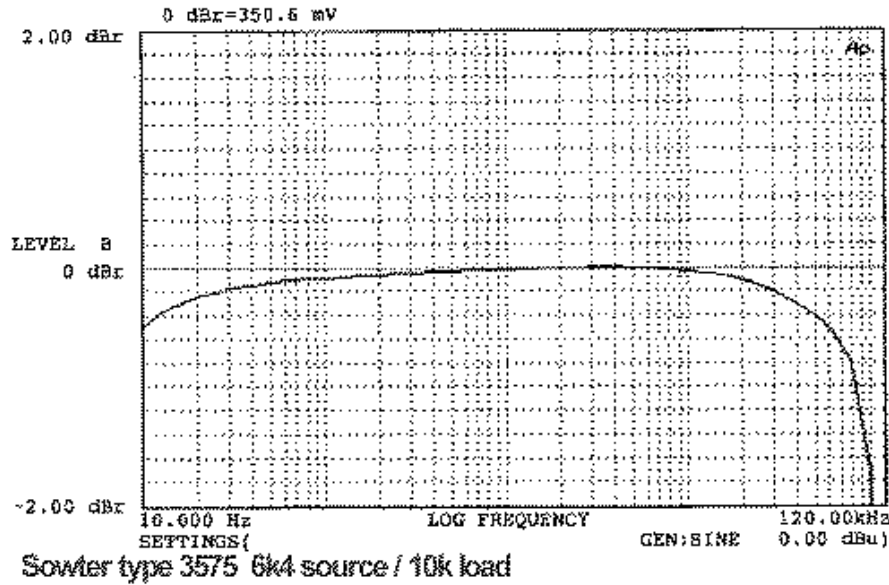
Features

High impedance presents minimal load to a 10 KOhm source even at 15 Hz. Mumetal core for minimal harmonic distortion. Internal electrostatic shield for high common mode noise rejection. Mumetal can for magnetic shielding. Secondary centre tap for phase splitting etc. Various package options.

Specifications

Item	Value
RATIO	1:1ct
MAXIMUM LEVEL 0.5 % THD at 50 Hz (40 ohm source)	+26 dBu
DISTORTION at 50 Hz (Source 40 ohms)	0.05% at +20 dBu
PRIMARY INDUCTANCE	30H approx
TOTAL DCR (Referred to primary)	1300 Ohms approx
INSERTION LOSS 10k ohm source 10k ohm load	1.08 dBu
INPUT/OUTPUT BALANCE	>60 dB
FREQUENCY RESPONSE 6k4 ohm source 10k ohm load	+/- 0.25 dB 15 Hz to 60 kHz

Mechanicals



Connections