

SOWTER TYPE 8665 Headphone Transformer 50% Mumetal core

Applications

Low power transformer with 50% Mumetal core for exceptional bandwidth and dynamic range. For use with triode etc. 10k ohms primary and 3 separate secondary windings configurable for 30 to 100, 100 to 250, 250 to 600 ohms headphones. 2.5 W at 50 Hz. Must be ac coupled to prevent dc in primary. Size "A" with colour coded leads or PCB pins. Designed to be driven from a cathode follower output stage or SRPP circuit via a coupling capacitor. Suitable for headphones with an impedance in the range 30 to 600 ohms.

Features

Combination core using High grade Grain Oriented Silicon Iron (M6) and Mumetal (76% Nickel). This provides a high-level capability and ultra-low distortion, exceptional bandwidth and transient response which is maintained over the full dynamic range. Three separate secondary windings are provided which may be connected in series or parallel for 30 to 100, 100 to 250, 250 to 600 ohms headphones. Various package options. Leads, PCB Pins or Solder Tags.



Specifications

Item	Value
RATIO 30 to 100 ohms	12 : 1
100 to 250 ohms	6 : 1
250 to 600 ohms	4 : 1
MAXIMUM POWER at 20 Hz	500 mW
FREQUENCY RESPONSE	+/- 1.5 dB 10Hz to 30KHz
PRIMARY INDUCTANCE	130H approx
TOTAL DC RESISTANCE referred to secondary (40 ohms configuration)	4 ohms

Mechanicals

