

Sowter Type 7136X

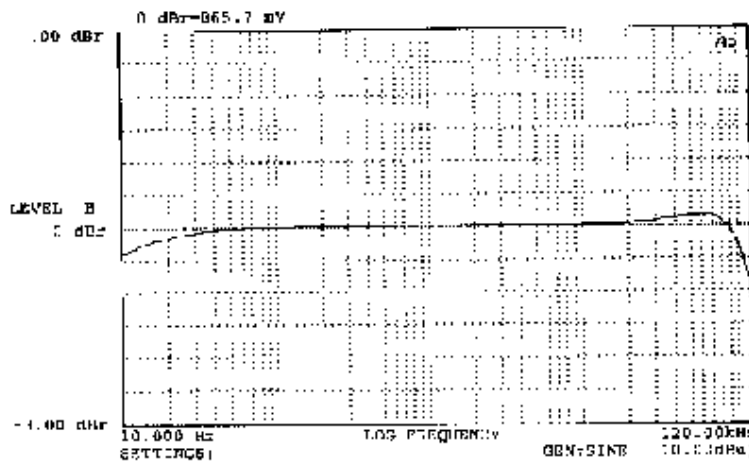
Low Impedance High Ratio Phono Cartridge Transformer

PACKAGE OPTIONS

Part Number

Coloured Leads
Octal base

7136X-F
7136X-G



Typical frequency response measured with 8ohm source and 47Kohm load



APPLICATION For matching low impedance (3-15 ohm) moving coil Phono cartridge to balanced or single sided solid state or valve pre-amplifier. Ensures appropriate loading of the cartridge and correct matching to pre-amplifier. Ideal for use with low output cartridges. Suitable for ORTOFON Super, Supreme and 000 series cartridges.

FEATURES Ultra thin (0.0035 in) "gapless" Mumetal (76%Nickel) laminated core for minimal harmonic distortion and exceptional bandwidth. 4 separate electrostatic screens for rejection of hum and noise in the cable connecting between the cartridge and transformer. Multiple interleaved windings ensuring exceptionally good bandwidth. The high bandwidth and very low phase shift ensures excellent transient response. Mumetal can for magnetic shielding. Available with colour coded leads or international octal plug for a small extra charge.

RATIO

1:20

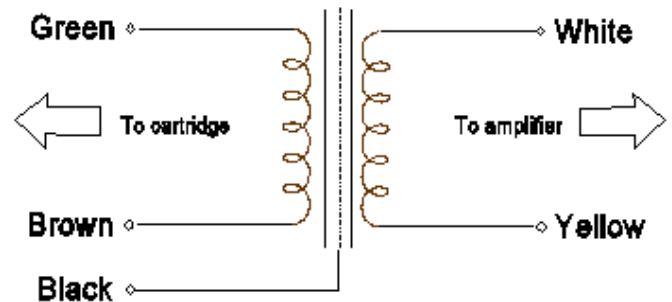
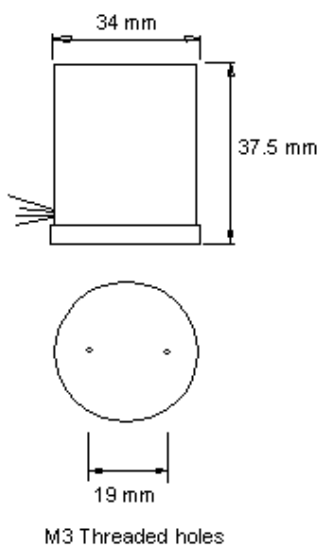
MAXIMUM LEVEL 0.5 % THD at 50 Hz (40 ohm source)

-3 dBu (550 mV)

FREQUENCY RESPONSE 8 Ohm source 47K ohm

+/- 0.5 dB 10 Hz to 100 kHz

NOTE The transformer should be connected as shown below. The Black (ground) lead is normally connected to the signal ground of the amplifier. You may need to experiment with different connection points to minimize hum. You may also need to try connecting the Brown lead to signal ground.



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