

Sowter Transformer type No. 9600

600ohm/600ohm, Turns ratio 1:1, Maximum level +17dB at 50Hz (0.5%THD, 40ohm source), Frequency response +/- 0.5dB, 20Hz – 40Khz. With electrostatic and electromagnetic screening

APPLICATION Electrical isolation where source or load are low impedance. For reduction of most kinds of noise caused when equipments are connected. For helping to ensure Electromagnetic Compatibility (EMC) standards compliance. May be used for balanced to unbalanced conversion and vice versa.

FEATURES Mumetal core for minimal harmonic distortion. Internal electrostatic shield for high common mode noise rejection. Mumetal can for magnetic shielding. Secondary centre tapped for phase splitting etc.

This is basically our standard type 3603

(see http://www.sowter.co.uk/specs/3603.htm) but modified to customer specification as below.....

Can to have solid lid with no fixing holes.

No wax filler, transformer should be glued into the can.

Lead out wires to be of Raychem 99M 22AWG wire.

Wires to exit can through 3mm polyolefin heatshrink sleeving.

Isolation test for 750V for minimum 10 seconds between primary to secondary, primary and secondary to electrostatic screen, primary, secondary and electrostatic screen to can.