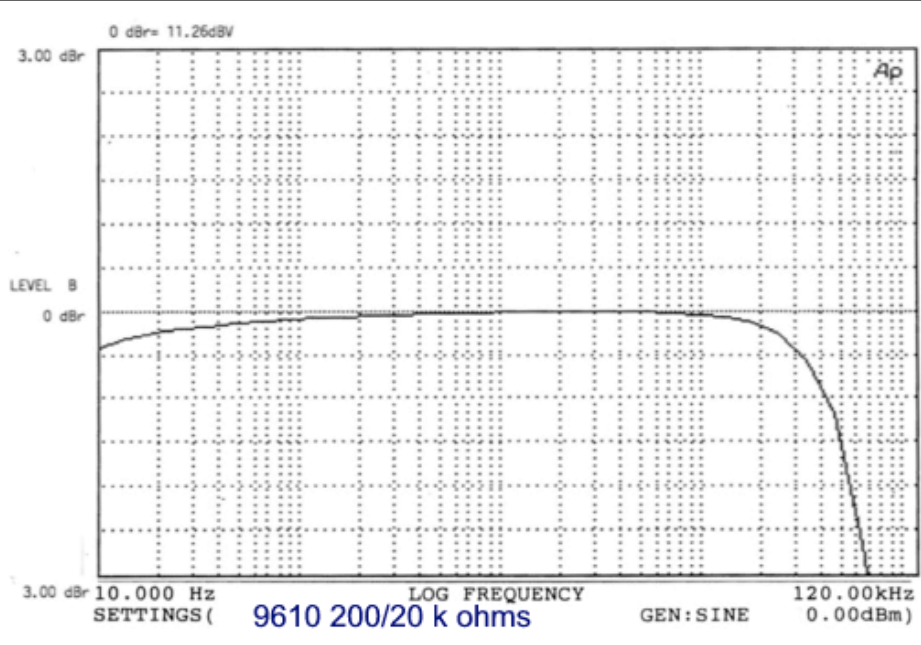


Sowter Type 9610

High Performance 1:10 ratio

Microphone Transformer

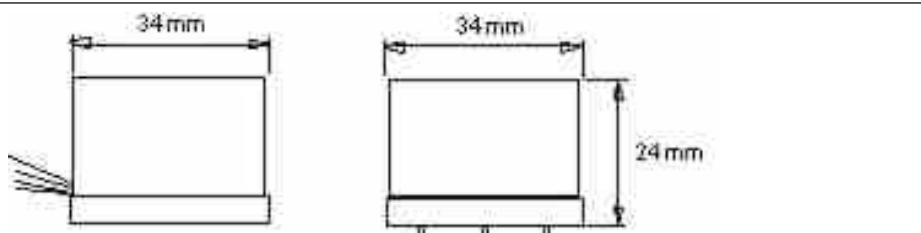
PACKAGE OPTIONS	Part Number
Coloured Leads	9610-F
PCB Mounting	9610-C



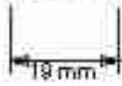
APPLICATION High gain 200 ohm microphone input transformer matching to a high input impedance amplifier. For reduction of most kinds of noise caused when equipments are connected. For helping to ensure Electromagnetic Compatibility (EMC) standards compliance. May be used for balanced to unbalanced conversion and vice versa.

FEATURES Mumetal core for minimal harmonic distortion. Internal electrostatic shields for maximum common mode noise rejection at high frequencies. Multiple interleaved windings ensure low leakage inductance for excellent high frequency response. Mumetal can for magnetic shielding. Centre tap for phantom powering. Similar to type 4935 but 1:10 ratio and only slightly reduced bandwidth.

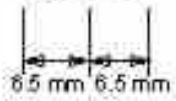
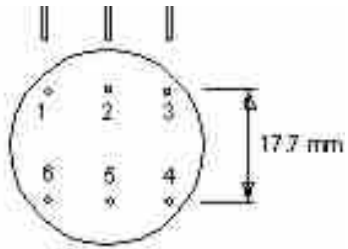
RATIO	1ct:10
MAXIMUM LEVEL 0.5 % THD at 50 Hz (40 ohm source)	+12 dBu
DISTORTION at 50 Hz (40 ohm source)	0.05 % at +6 dBu
INSERTION LOSS 200ohm source 20 k load	0.67 dBu
INPUT/OUTPUT BALANCE	>60 dB
FREQUENCY RESPONSE 200 ohm source 30k ohm load	+/- 0.25 dB 15Hz to 25 kHz



For lead and pin connections please link to [9610 colours](#)



M3 Threaded holes



PIN VIEW

0.7 mm Pin dia

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