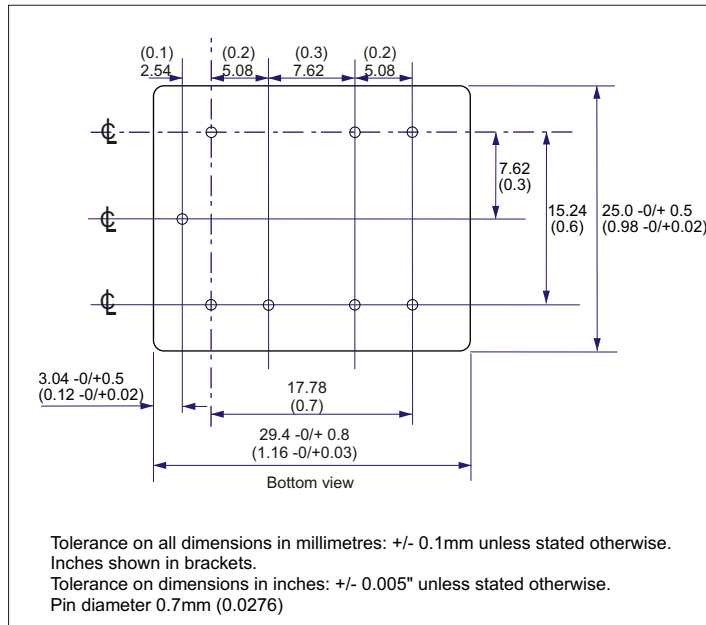
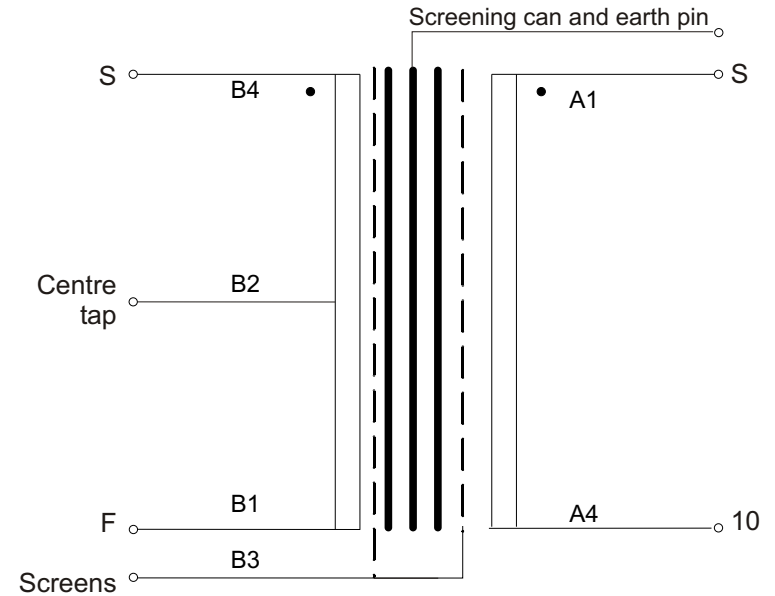
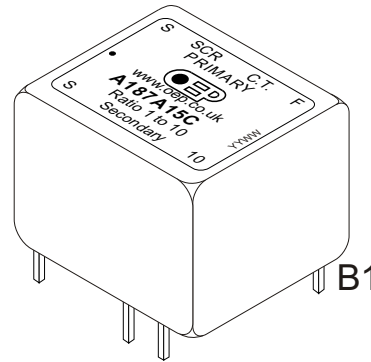


Enclosure: Mu-metal screening can.



Specification:

Turns ratio: 1 C.T. to 10

DC resistance (+/- 15%)

Primary (total) : 20.2

Secondary total: 1.59k

Inductance measured at 100Hz, 0.1V:

Primary: 5.3H nominal

Primary leakage inductance (@ 1kHz, 0.1V): 280uH (typical)

Interwinding capacitance (@ 10kHz, 0.1V): winding to winding 130pF

Primary to screen: 254pF

Secondary to screen: 260pF

THD @ 20Hz, -20dBu: 0.15% max.

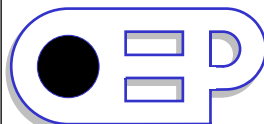
Frequency response: 5Hz - 60kHz +/-1dB

10Hz - 30kHz +/-0.5dB

Voltage gain @ 1kHz, 150 , -20dBu: 19.75dB (150k load)

Transformer shielded with mu-metal can.

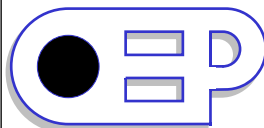
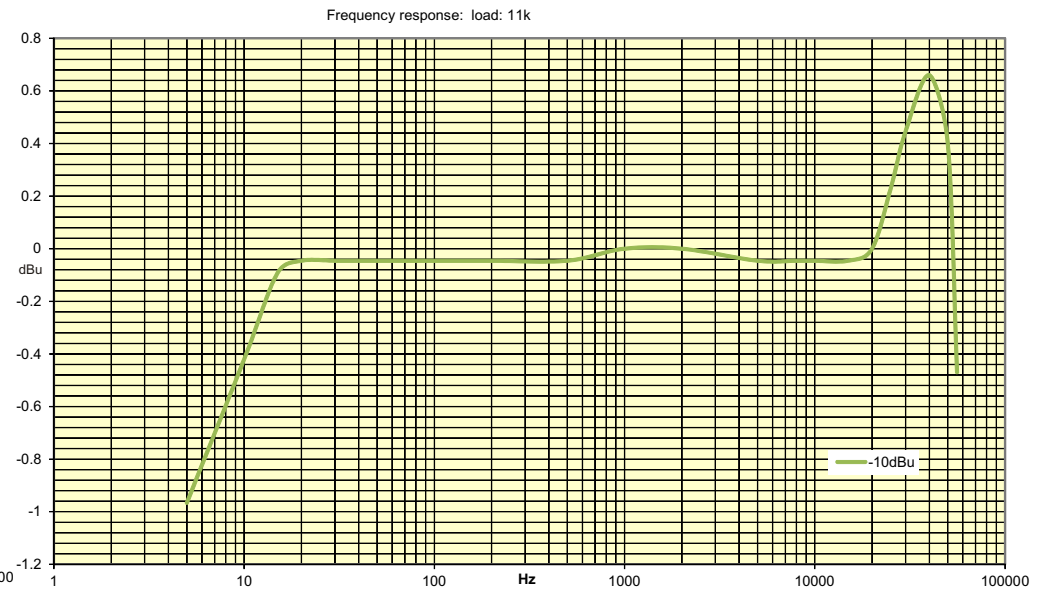
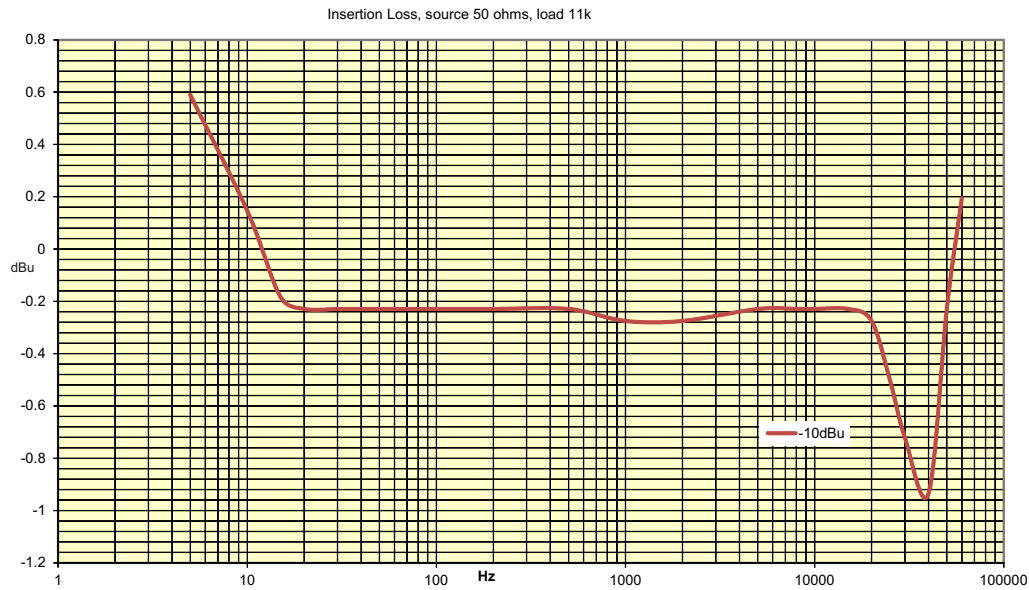
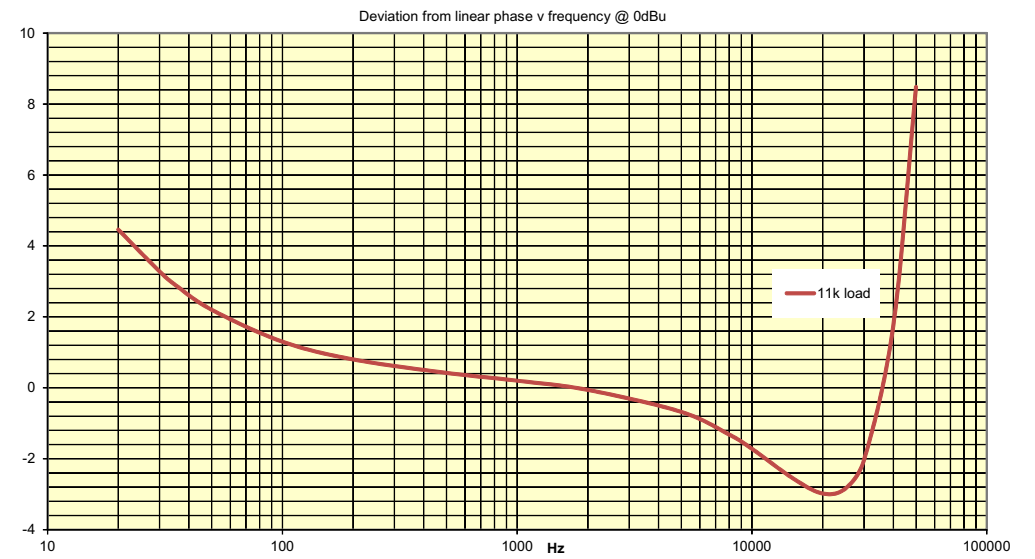
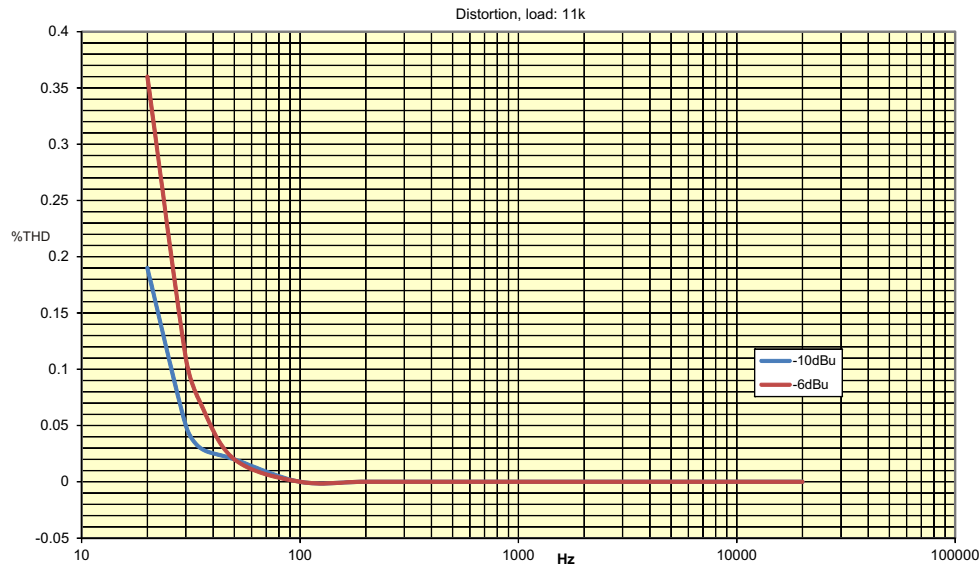
N.B. Do not pass DC through windings.



Unit 5, Oxonian Park, Langford Locks,
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Website: www.oep.co.uk

| DESCRIPTION | ISSUE | DATE | DRAWN | CHECKED | DRAWING NUMBER |
|------------------------------------------------------------------|-------|----------|-------|---------|-----------------|
| 1 C.T. to 10 microphone input step up transformer (PCB mounting) | 1 | 25/07/16 | CS | | A187A15C |
| | | | | | |
| | | | | | |
| | | | | | |

Scale: nts All dimensions in mm unless stated otherwise



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| | | | | | |
| Scale: n/a | All dimensions in mm unless stated otherwise | | | | |