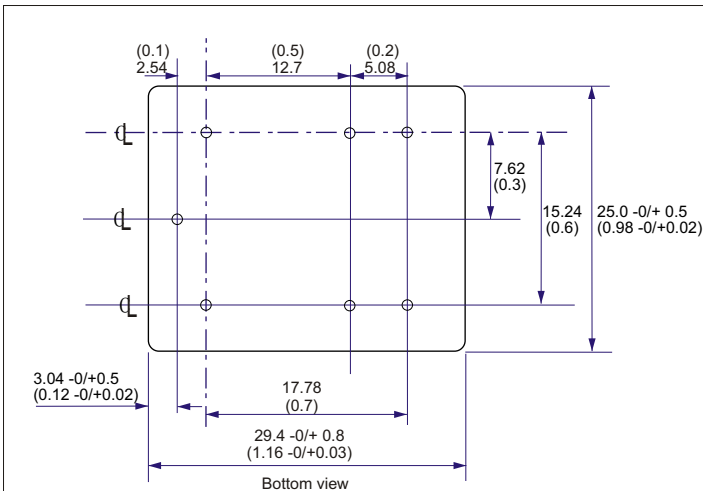
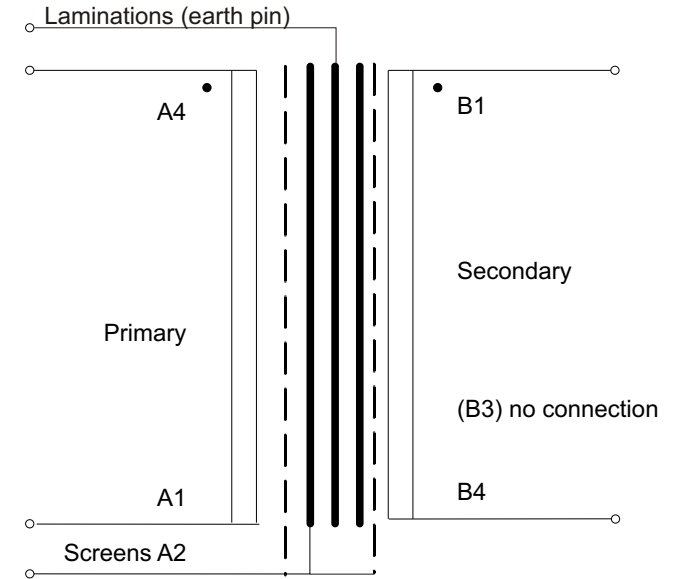
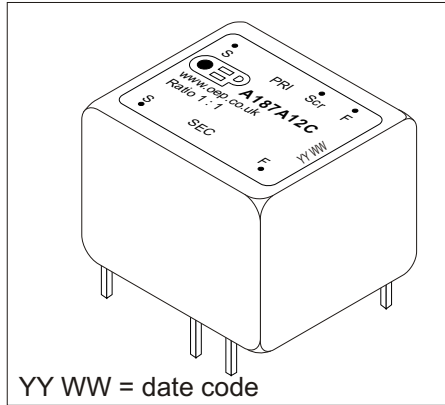


Enclosure: Mu-metal screening can.



Tolerance on all dimensions in millimetres: +/- 0.1mm unless stated otherwise.  
Inches shown in brackets.  
Tolerance on dimensions in inches: +/- 0.005" unless stated otherwise.  
Pin diameter 0.7mm (0.0276)

**Specification:**

Winding ratio: 1:1  
DC resistance ( +/-15%):  
Primary: 49.8  
Secondary: 48.5

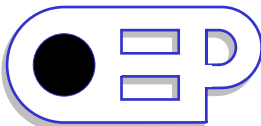
Inductance, measured at 1kHz, 0.1V  
(series equivalent circuit):  
Each winding: 2.82H (nominal)  
Primary leakage inductance: 1.2mH @ 1kHz

Proof voltage: windings to screen: 250Vrms  
primary to secondary: 250Vrms  
Interwinding capacitance:  
Primary to screens: 140pF @ 20kHz  
Secondary to screens: 140pF @ 20kHz

Operating temperature range: -20 to +70°C.  
Mass: 0.056kg  
**N.B. Do not pass DC through windings.**

**Uses:**

- Ground loop elimination
- High common mode rejection
- Unbalanced line level to balanced microphone output
- Dual electrostatic shields.



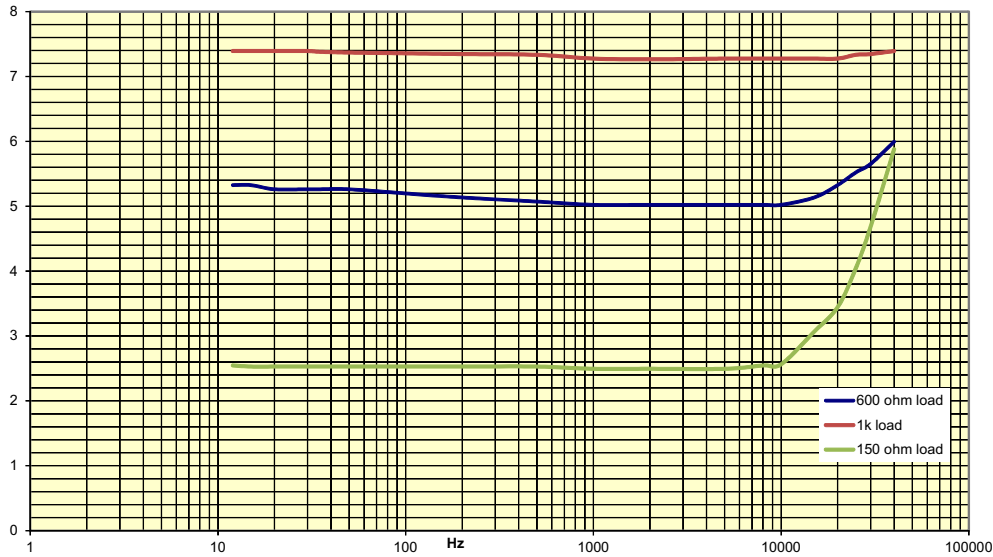
Unit 5, Oxonian Park, Langford Locks,  
Kidlington, Oxfordshire. OX5 1FP  
Tel: (01865) 855085 Fax: (01865) 855075  
Website: [www.oep.co.uk](http://www.oep.co.uk)

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1:1 audio isolation transformer	1	07/04/11	CS		<b>A187A12C</b>
	2	16/01/11	CS		
	3	18/01/11	CS		
	4	27/07/16	CS		

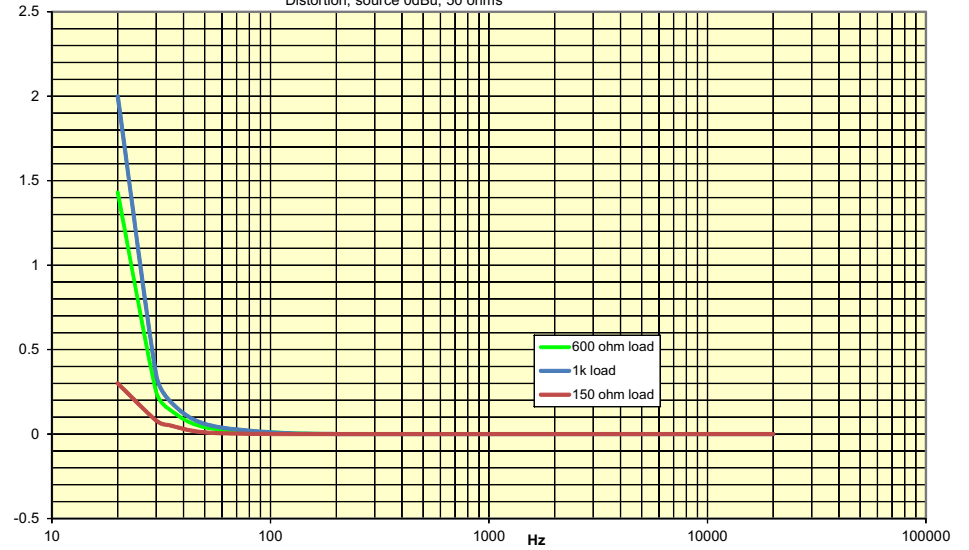
Scale: nts

All dimensions in mm unless stated otherwise

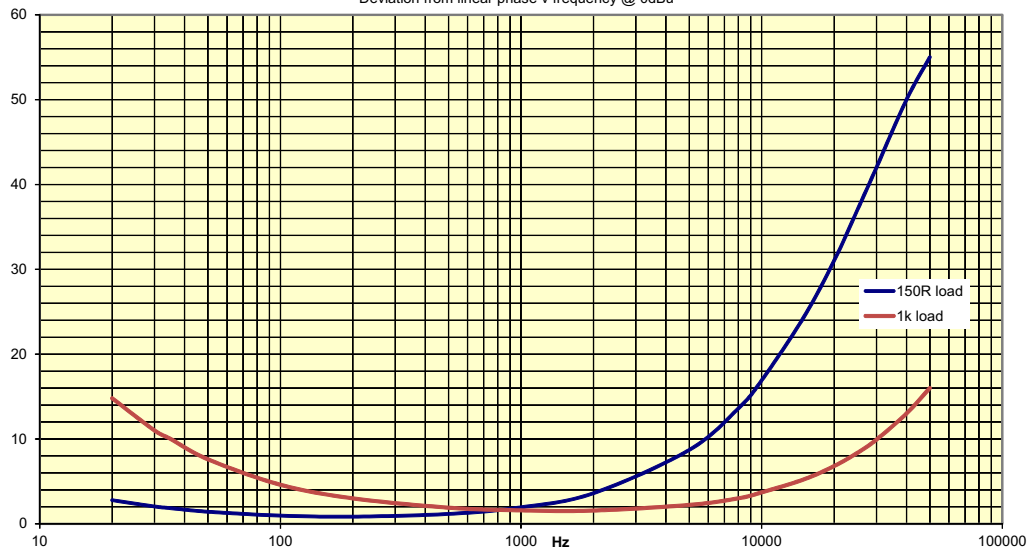
Insertion Loss, source 0dBu



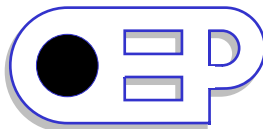
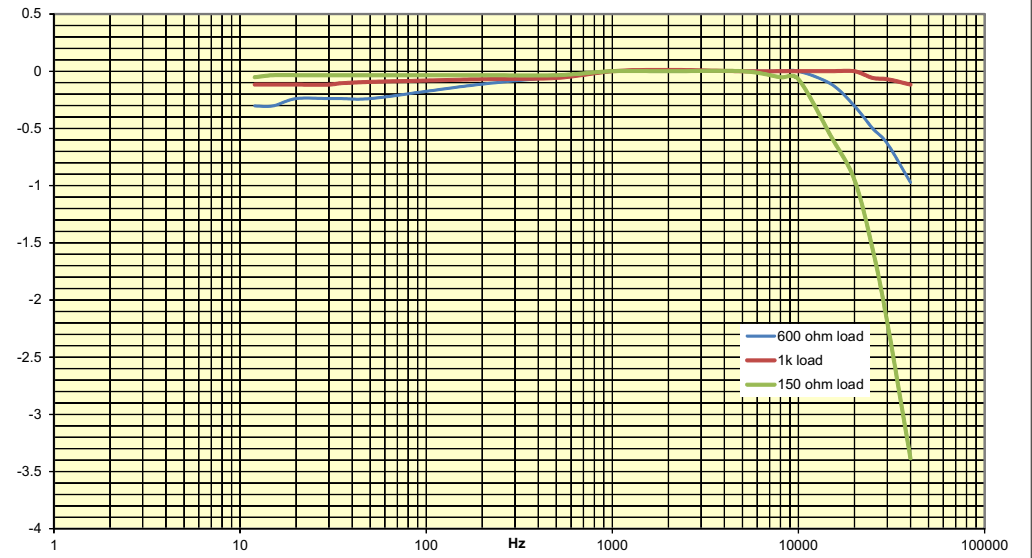
Distortion, source 0dBu, 50 ohms



Deviation from linear phase v frequency @ 0dBu



Frequency response: source, 0dBu, 50 ohms



Unit 5, Oxonian Park, Langford Locks,  
Kidlington, Oxfordshire. OX5 1FP  
Tel: (01865) 855085 Fax: (01865) 855075  
Website: [www.oep.co.uk](http://www.oep.co.uk)

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1:1 audio isolation transformer	1	07/04/11	CS		<b>A187A12C</b>
	2	16/01/11	CS		
	3	18/01/11	CS		
	4	27/07/16	CS		

Scale: nts

All dimensions in mm unless stated otherwise