

**Electrical specification.**

All listed parameters are within tolerance from 0°C to +70°C

Turns ratio: 1:1

Impedance (ref. 1kHz):  
 Primary: 800 ohms  
 Secondaries: 800 ohms C.T.

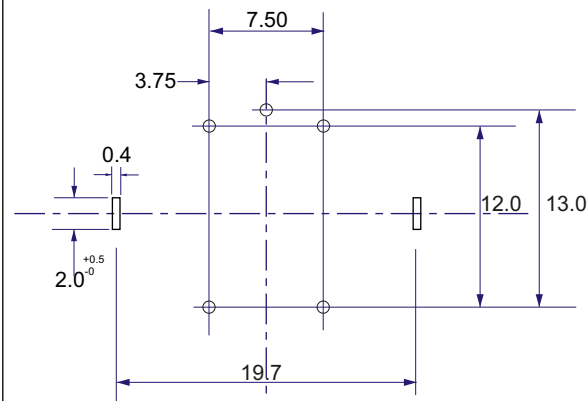
Max. power: 2mW  
 Frequency range: 200Hz - 15kHz

Inductance (nom.),  
 measured at 100Hz, 0.27V:  
 Primary: 1.7H  
 Secondaries: (3 - 4): 420mH (3 - 5): 1.7H

DC resistance ( )  
 Primary: 63 - 85.8  
 Secondary (centre tap): 42 - 55  
 Secondary (total): 84 - 110

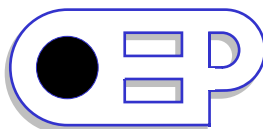
Isolation:  
 Primary to secondary: 500VAC

Storage temperature range: -25°C to +120°C



**Pin view**

Pin diameter: 0.8mm  
 Recommended PCB hole diameter: 1mm  
 Tolerance on all dimensions +/-0.5mm unless stated otherwise



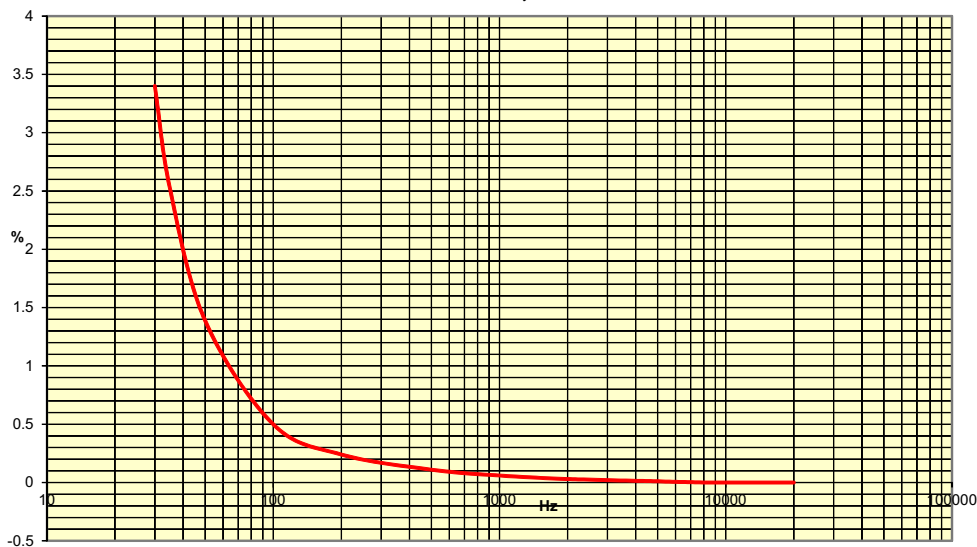
Unit 5, Oxonian Park, Langford Locks,  
 Kidlington, Oxfordshire. OX5 1FP  
 Tel: (01865) 855085 Fax: (01865) 855075  
 Website: [www.oep.co.uk](http://www.oep.co.uk)

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for E187A page 1 of 2	1	13/02/04	CS		<b>E187A</b>
	6	15/12/11	CS		
	7	29/10/14	CS		
	8	21/11/17	CS		

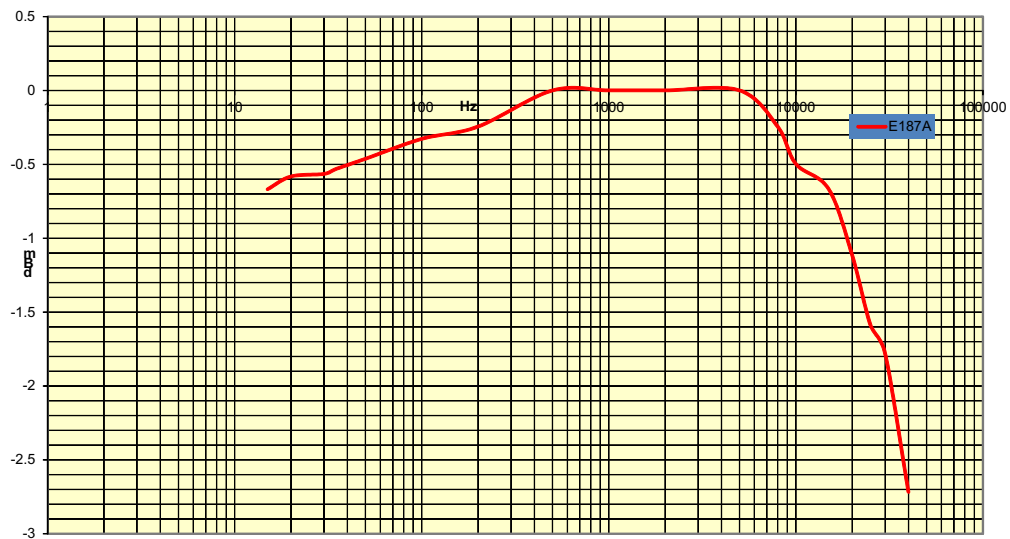
Scale: 2 to 1

All dimensions in mm unless stated otherwise

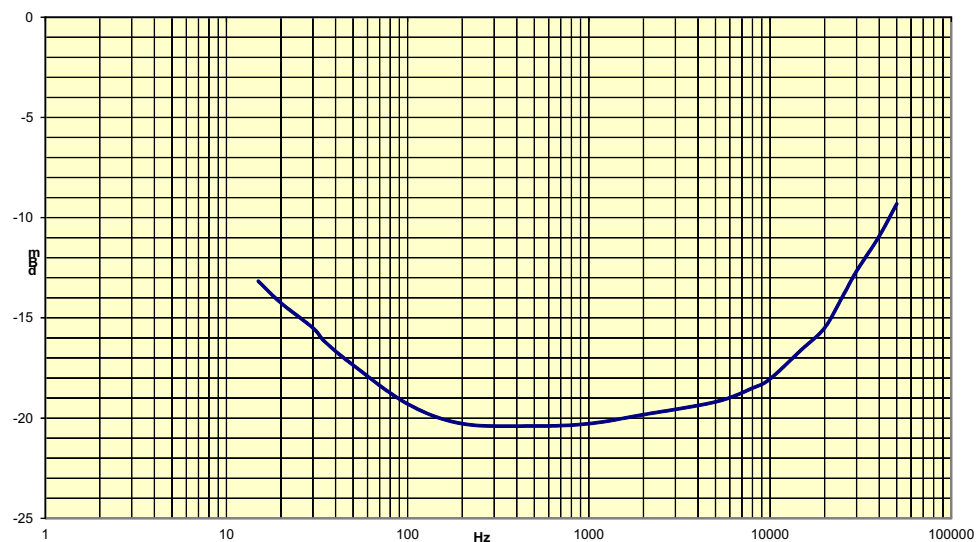
Distortion: secondary loaded with 520R



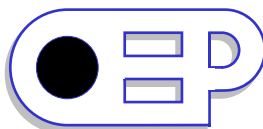
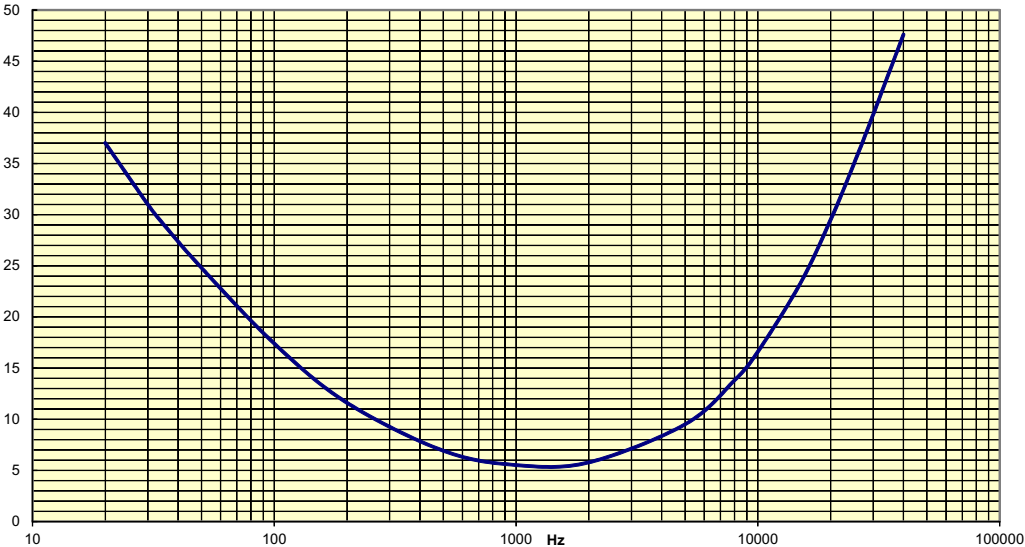
Frequency response, source: 0dBm load 520R



Return Loss, source 0dBu, secondary loaded with 600R



Variation of phase with frequency: level 0dBu, secondary loaded with 520R



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)

Scale: NA

DESCRIPTION  
Specification for E187A  
page 2 of 2

All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	13/02/04	CS		<b>E187A</b>
6	15/12/11	CS		
7	29/10/14	CS		
8	21/11/17	CS		