

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

**Electrical characteristics:**

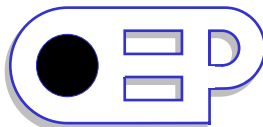
Winding ratio: 1+1:2+2  
DC resistance ( +/- 15%):  
Primaries: 10.3 + 10.3. Secondaries: 59.5 + 59.5  
Impedance: primaries: 150 ohms + 150 ohms  
                  secondaries: 600 ohms + 600 ohms  
Inductance, measured at 1kHz, 0.27V  
(series equivalent circuit):  
Primary: 125mH + 125mH (nominal)  
Secondary: 500mH + 500mH (nominal)  
Proof voltage: primaries to screen: 1kVrms  
                  screen to secondaries: 1kVrms  
Frequency range: 30Hz - 35kHz +/- 1.5dB.  
Power: 100mW @ 300Hz and 1mW @ 30Hz  
Distortion: less than 1% T.H.D. 600 ohms 30Hz - 35kHz  
measured at 0dBm. See page 2

operating temperature range: 0 to +70°C  
Storage temperature range: -25°C to +120°C

**Materials: all materials are UL94V-0 rated**

Bobbin and box material: FR530  
UL file number: E69578(M)  
2-part epoxy resin type 3300A and 3300B  
UL file number 218090  
or Epoxylite EIP4728: UL file no. E143115

Winding wire: ECW. UL file no. E174837  
Tape: 3M No. 56 polyester or equivalent



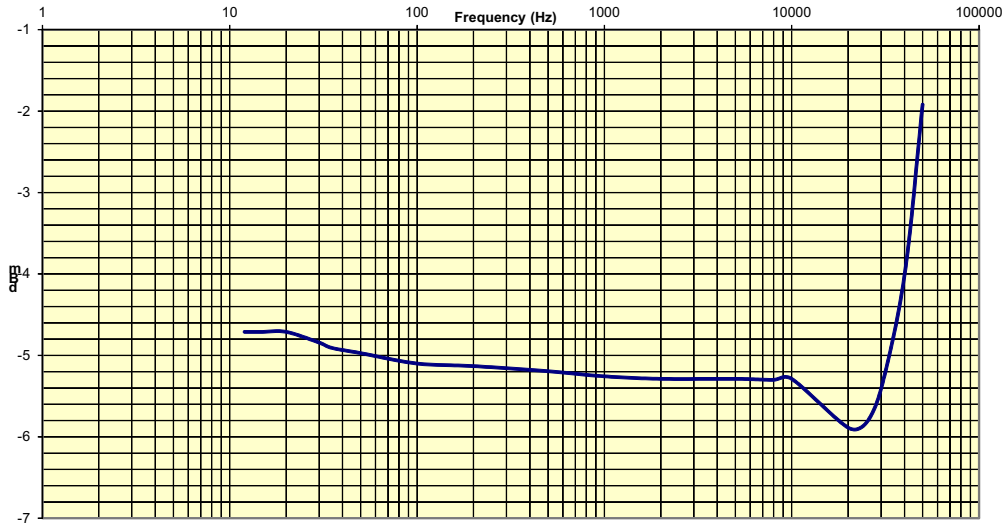
Unit 5, Oxonian Park, Langford Locks,  
Kidlington, Oxfordshire. OX5 1FP  
Tel: (01865) 855085 Fax: (01865) 855075  
Website: [www.oep.co.uk](http://www.oep.co.uk)

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for A262A2E page 1 of 2	1	04/05/04	CS		<b>A262A2E</b>
	8	16/10/13	CS		
	9	04/01/17	CS		
	10	01/06/18	CS		

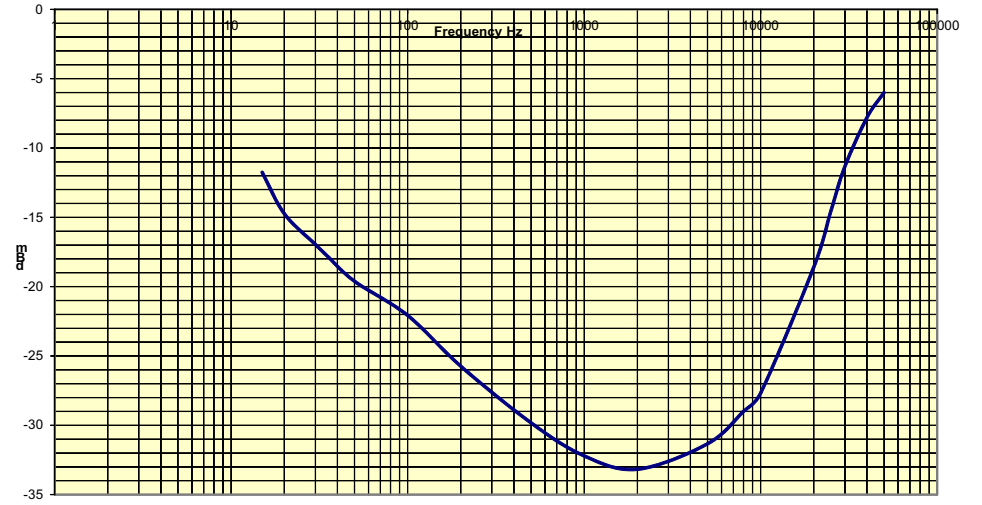
Scale: nts

All dimensions in mm unless stated otherwise

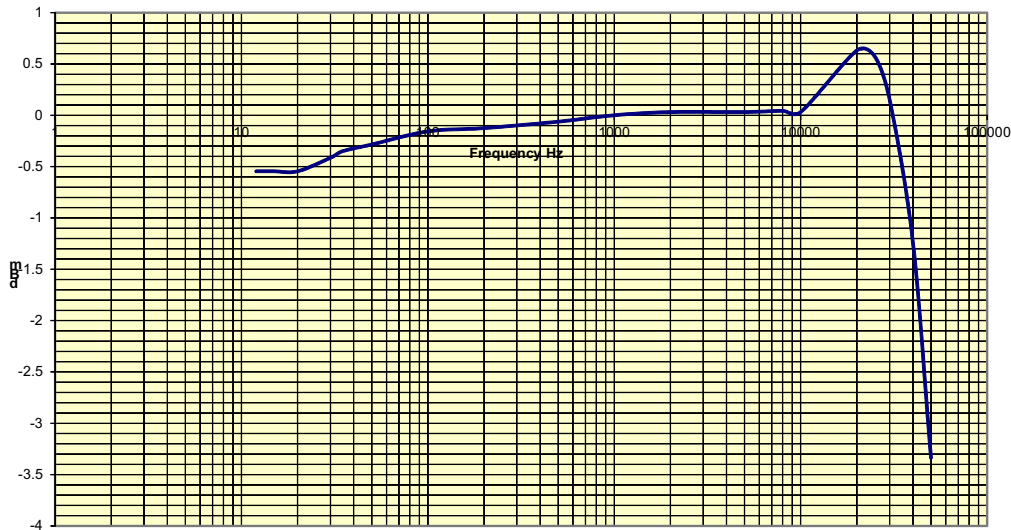
Insertion loss, source impedance 600R, level 0dBm, primaries in series, secondaries in series and loaded with 2320R



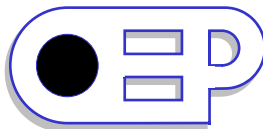
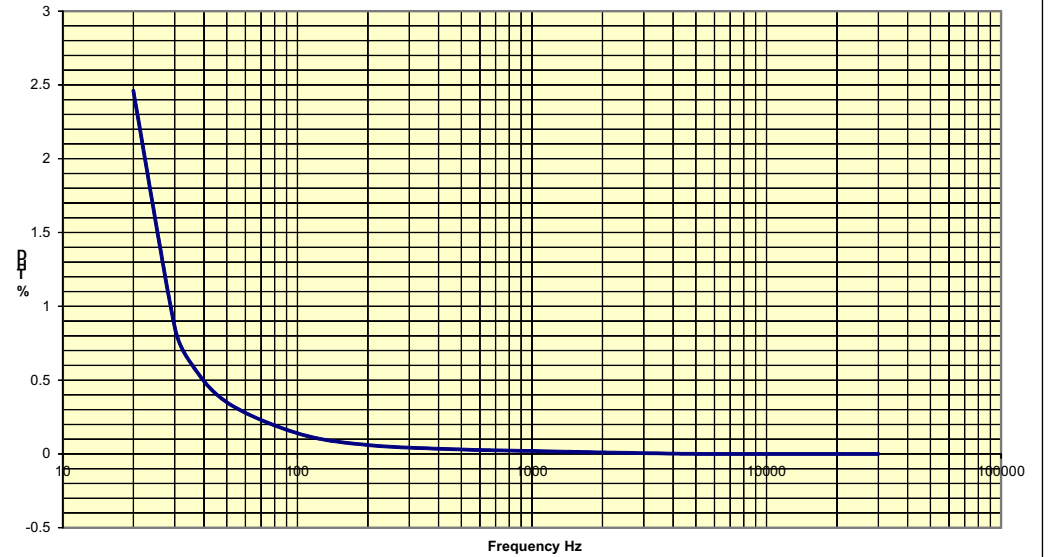
Return loss: source impedance 50R, level 0dBu, primary windings in series, secondaries in series loaded with 2320R



Frequency response, primary windings in series, source impedance: 600R, level: 0dBm, secondaries in series loaded with 2320R



Distortion: primary windings in series, source impedance: 600R level 0dBm, secondaries in series and loaded with 2320R



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