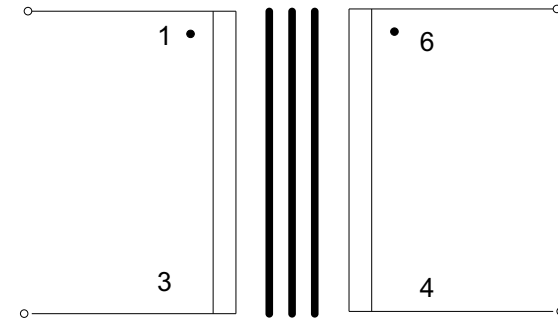
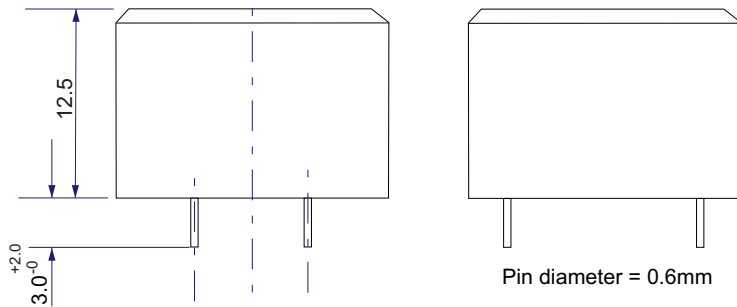


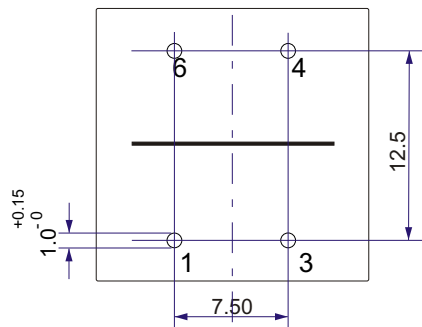
YY WW = date code



Electrical schematic



Pin diameter = 0.6mm



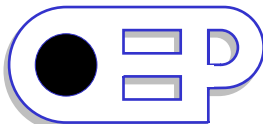
Pin view

Specification:

Primary DC resistance: 65 ohms +/- 15%
 Secondary DC resistance: 65 ohms +/- 15%
 Impedance matching: 600 ohms to 600 ohms
 Inductance (10mVrms, 200Hz parallel) pins 1 - 3: 4.15H min.
 Leakage inductance (10mVrms, 200Hz series) pins 1 - 3: 20mH max.
 Return loss: (ref. 600 ohms) 300 to 4kHz: -23dB min.
 Insertion loss: (@ 1kHz, 1Vrms): 1.3dB max.
 Frequency response (reference 1kHz): 300 - 4kHz (+/- 0.2dB)
 Longitudinal balance: 200Hz - 4kHz: 80dB min.
 Turns ratio (@ 6kHz, 0.1Vrms) pins 1 - 3 & 6 - 4: 1 to 1 (+/- 1%)
 Distortion: 300Hz, 0dBm: -77dB max.
 Saturation: 10V rms (65V peak)
 Signal to noise ratio: >33dB
 Hi-pot, primary to secondary: 4kV, 1mA for 1 minute
 Core loss (@ 1kHz, 1Vrms): 13k ohms
 Note: Do not pass DC current through windings.

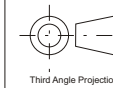
Operating temperature range: -20 to + 70°C
 Storage temperature range: -40°C to +125°C

Tolerance on all dimensions +/-0.2mm unless stated otherwise



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

DESCRIPTION
 Specification for OEP1200
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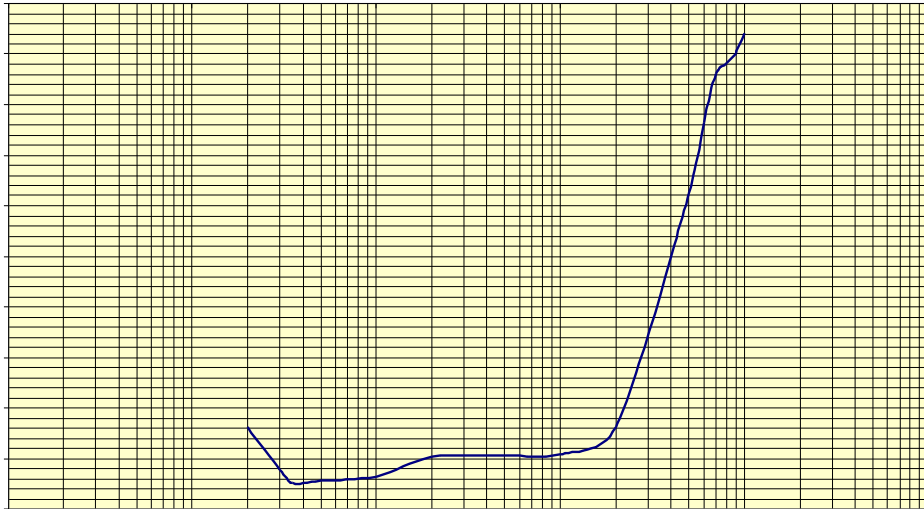


Scale: 2 to 1

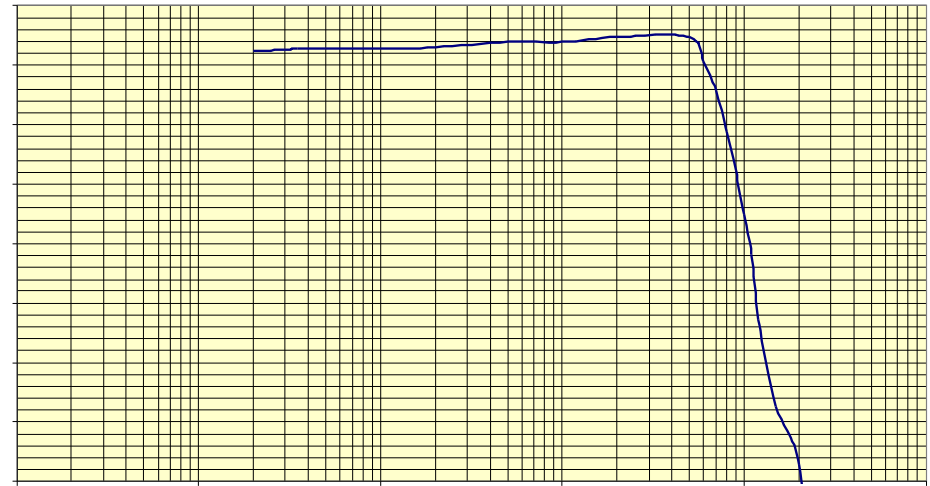
All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	31/07/03	CS		OEP1200
11	21/10/10	CS		
12	04/06/13	CS		
13	10/04/14	CS		

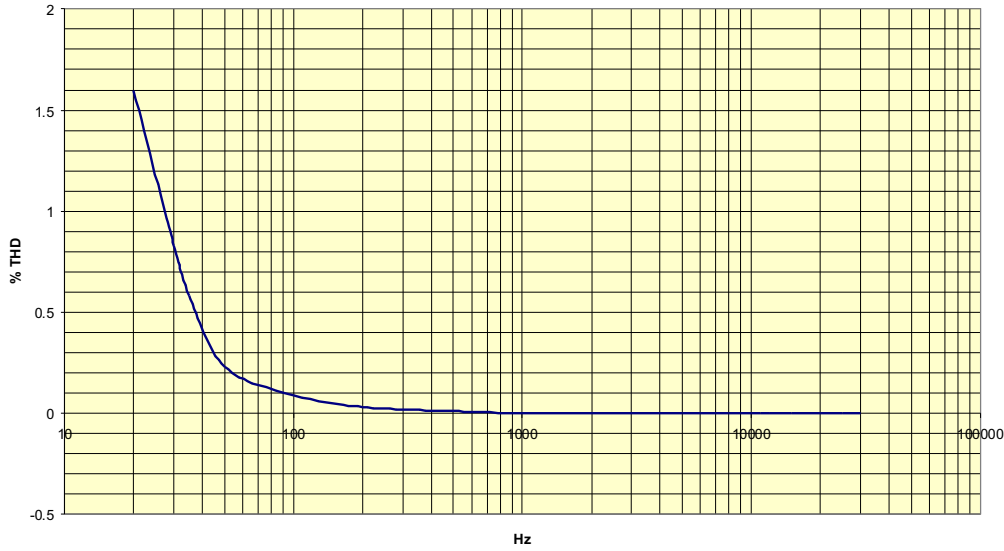
Return loss: source impedance 600R, level -10dBm, secondary loaded with 560R/33nF



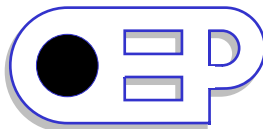
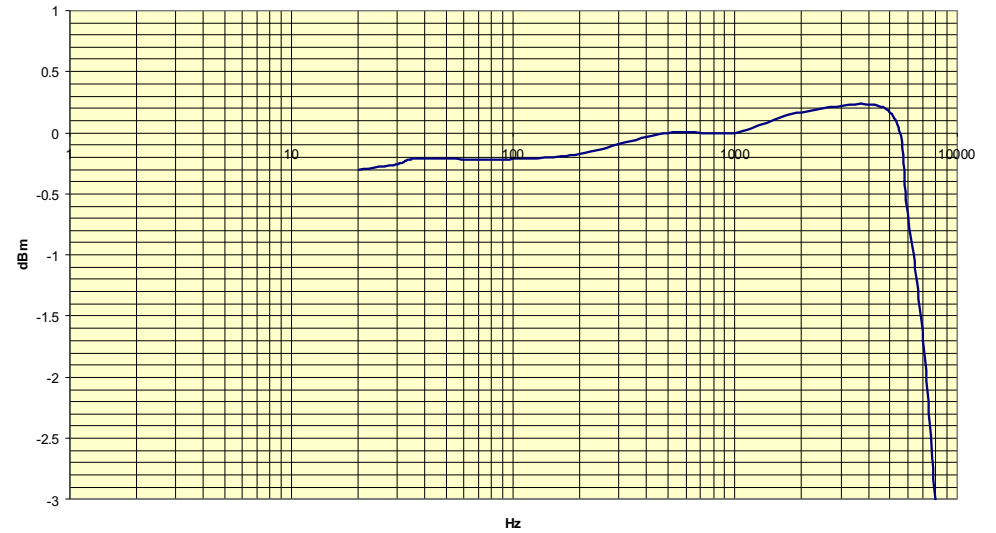
Insertion loss, source impedance 600R, level -10dBm, secondary loaded with 560R/33nF



Distortion: source impedance: 600R level -10dBm, secondary loaded with 560R/33nF



Frequency response, source impedance: 600R, level: -10dBm, secondary loaded with 560R/33nF



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Scale: nts

DESCRIPTION
Specification for OEP1200
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All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	31/07/03	CS		OEP1200
11	21/10/10	CS		
12	04/06/13	CS		
13	10/04/14	CS		