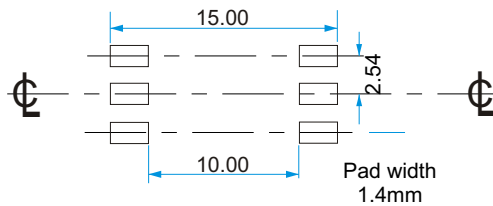
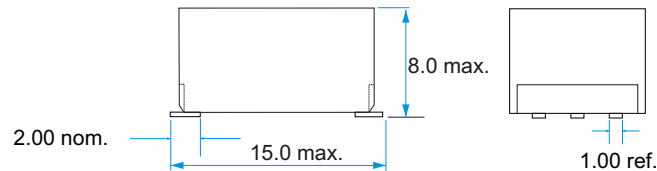
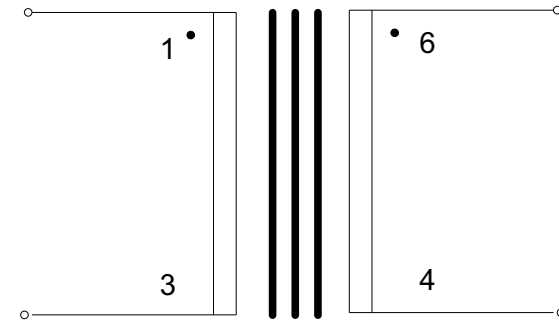


Part number
YYWW = date code



Suggested PCB layout



Electrical schematic

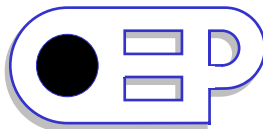
Electrical specification:

Ratio: 1 to 1
 DC resistance (sum of windings): 200 - 245
 Designed for matching 600
 Parallel inductance, pins 1 - 3: see page 3
 Leakage inductance: (10mVrms, 1kHz) pins 6-4 S/C: 4.9mH max.
 Return loss: (ref. 430 ohms) see graph on page 2
 Insertion loss: (ref. 600 ohms, 2kHz): 2dB max.
 (ref. 430 ohms, 2kHz): 4dB max.
 Frequency response: 200 - 4kHz: +/- 0.2dB
 Longitudinal balance: 200Hz - 4kHz: 80dB min.
 Turns ratio (@ 6kHz, 0.1Vrms), pins 1 - 3 to 6 - 4: 1.00 +/-1%
 Distortion: see page 3
 Saturation: 10Vrms max. @ 250VRMS, 50/60Hz
 Hi-pot, primary to secondary: 4000VAC, 1mA for 2 seconds

Operating temperature range: -20 to +85°C
 Storage temperature range: -40 to +125°C

Certified to EN62368-1
 RoHS process compliant.

Note: Do not pass DC current through windings.

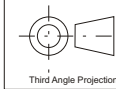


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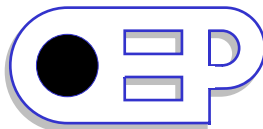
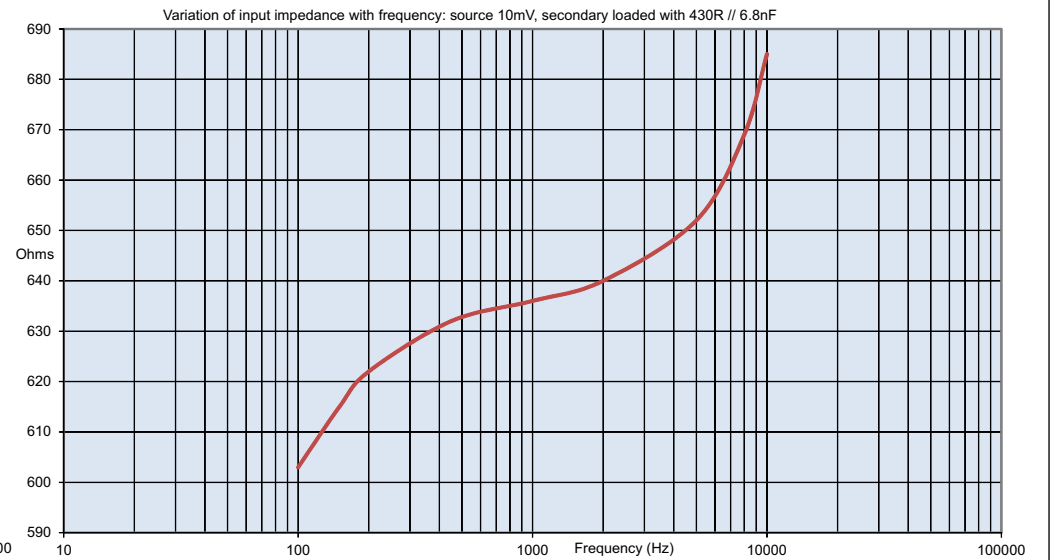
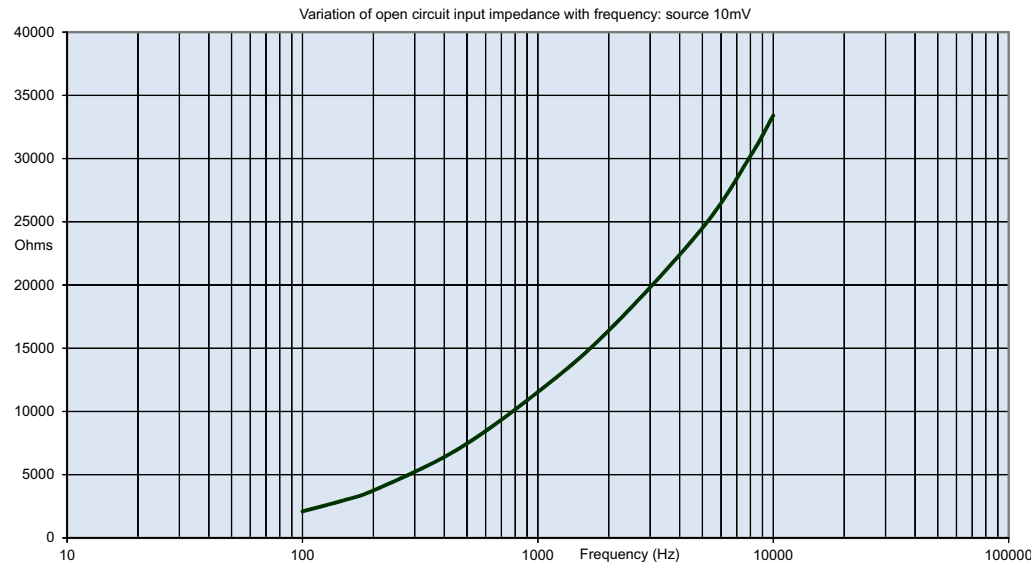
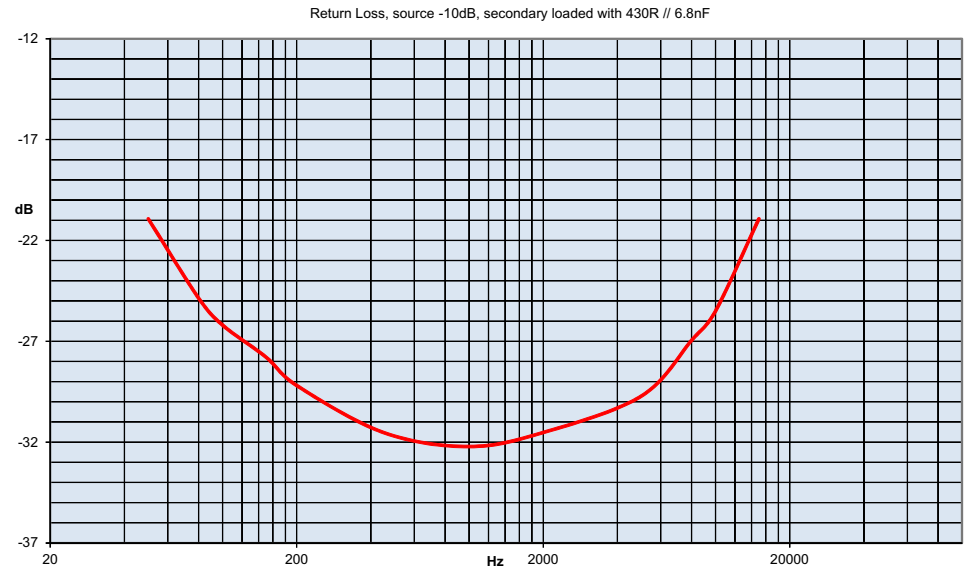
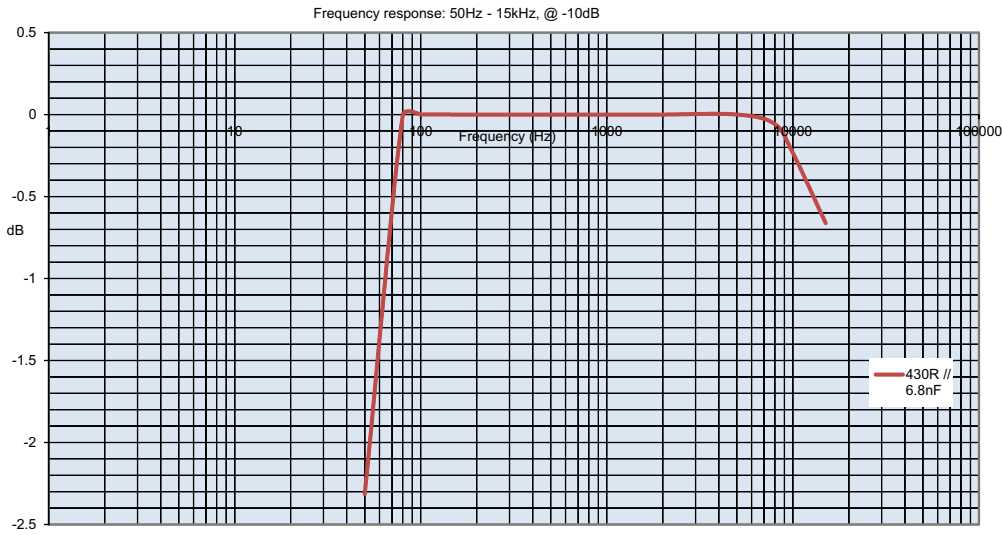
Scale: nts

DESCRIPTION
 Specification for OEP8000
 page 1 of 3



All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	29/04/04	CS		OEP8000
13	02/12/19	CS		
14	17/11/21	CS		
15	04/04/23	CS		



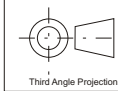
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Scale: nts

DESCRIPTION

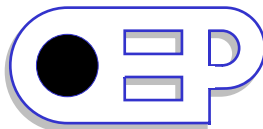
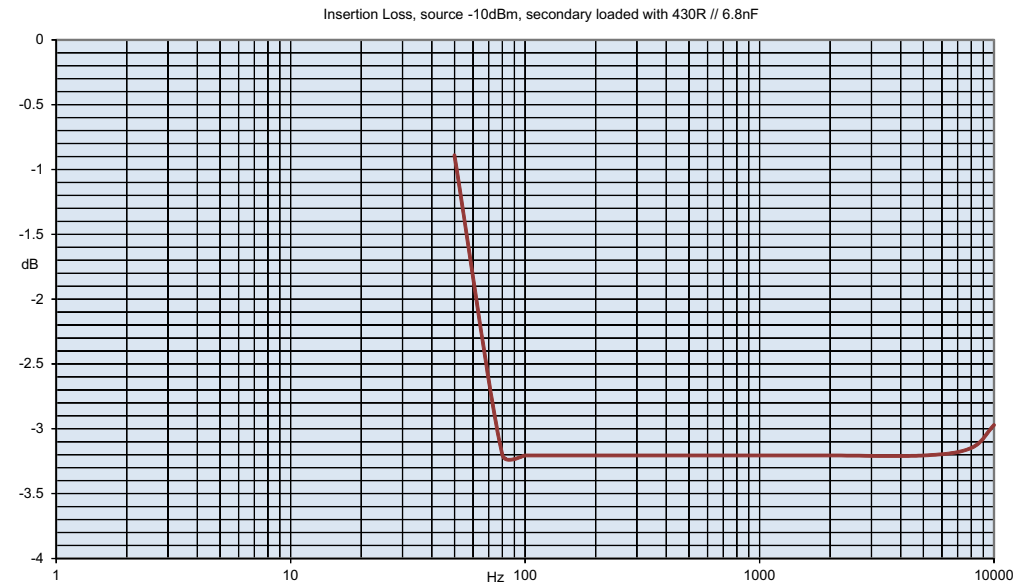
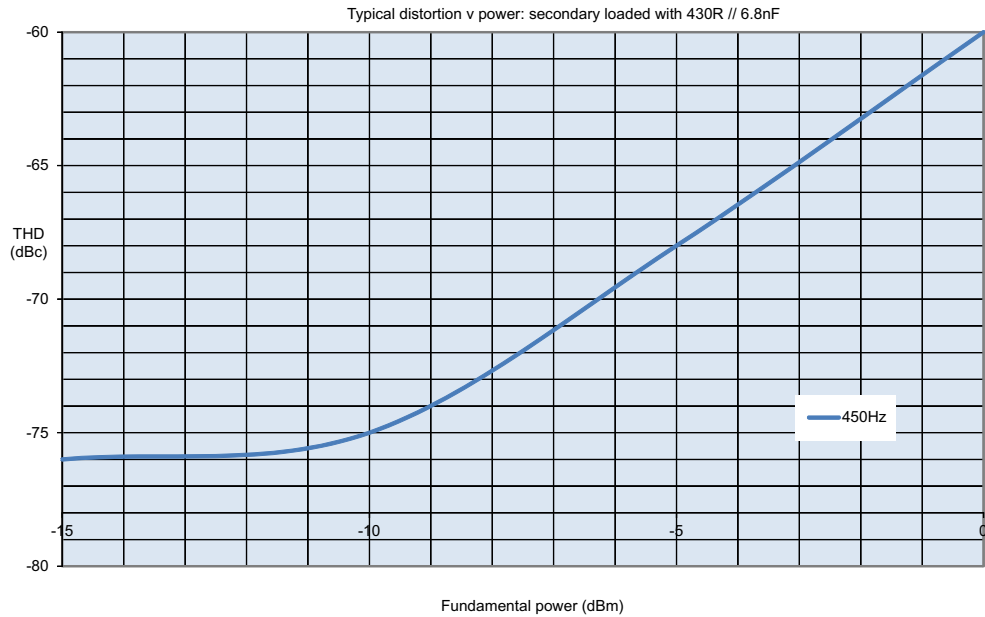
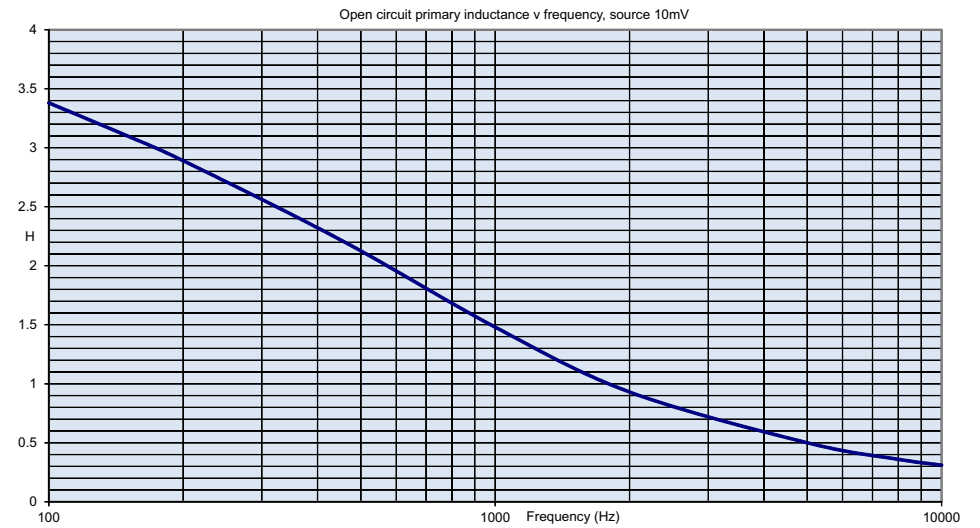
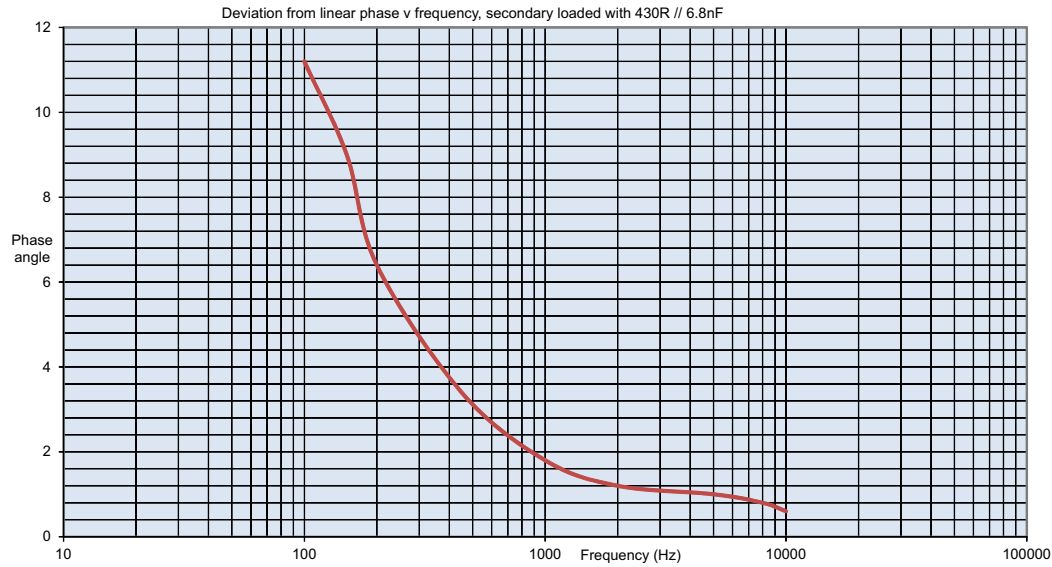
Specification for OEP8000
page 2 of 3



Third Angle Projection

All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
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13	02/12/19	CS		
14	17/11/21	CS		
15	04/04/23	CS		

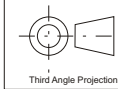


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Scale: nts

DESCRIPTION
Specification for OEP8000
page 3 of 3



All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	29/04/04	CS		OEP8000
13	02/12/19	CS		
14	17/11/21	CS		
15	04/04/23	CS		