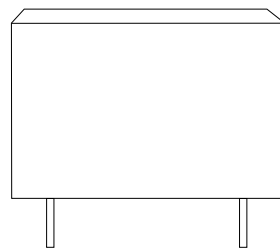
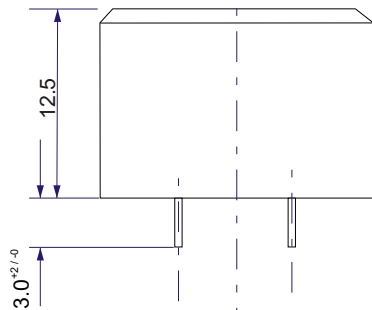
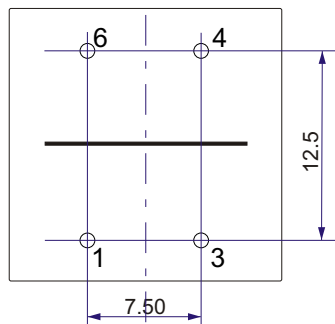


YY WW = date code

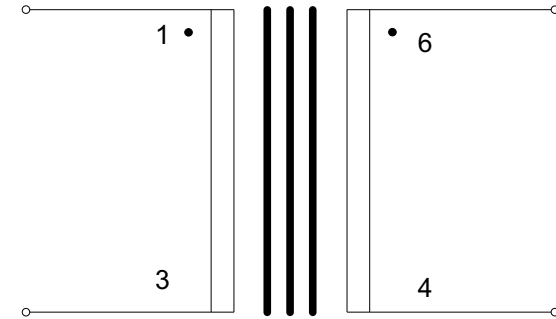


Pin diameter = 0.60



Pin view

Recommended PCB hole diameter 1.00 +0.15 / -0
Tolerance on all dimensions +/-0.20 unless stated otherwise



Electrical schematic

Specification:

Turns ratio (+/-1%) 1 to 1 @ 6kHz, 0.1Vrms

DC resistance (+/-15%): 65 Ω per winding

Impedance matching: 600 Ω to 600 Ω

Frequency response (reference 1kHz): 300 - 4kHz (+/- 0.2dB)

Inductance (10mV, 200Hz parallel) (1 - 3): 4.15H min.

Leakage inductance (10mV, 200Hz series) (1 - 3): 20mH max.

Return loss: (ref. 600 Ω) 300 to 4kHz: -23dB min.

Insertion loss: (@ 1kHz, 1Vrms): 1.3dB max.

Longitudinal balance: 200Hz - 4kHz: 80dB min.

Distortion: 300Hz, 0dBm: -77dB max.

Saturation: 10Vrms (65V peak)

Signal to noise ratio: >33dB

Hi-pot, primary to secondary: 4kV, 1mA for 1 minute

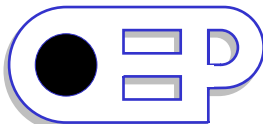
Core loss (@ 1kHz, 1Vrms): 13k

Note: Do not pass DC current through windings.

Operating temperature range: -20 to +70°C

Storage temperature range: -40°C to +125°C

Approvals: certified to IEC 62368-1:2014

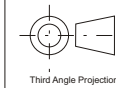


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Scale: 2 to 1

DESCRIPTION
Specification for OEP1200
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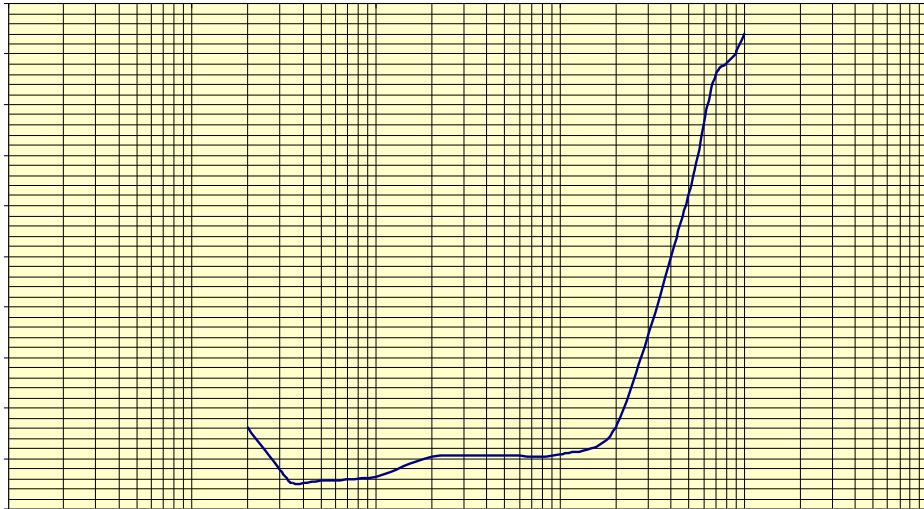


Third Angle Projection

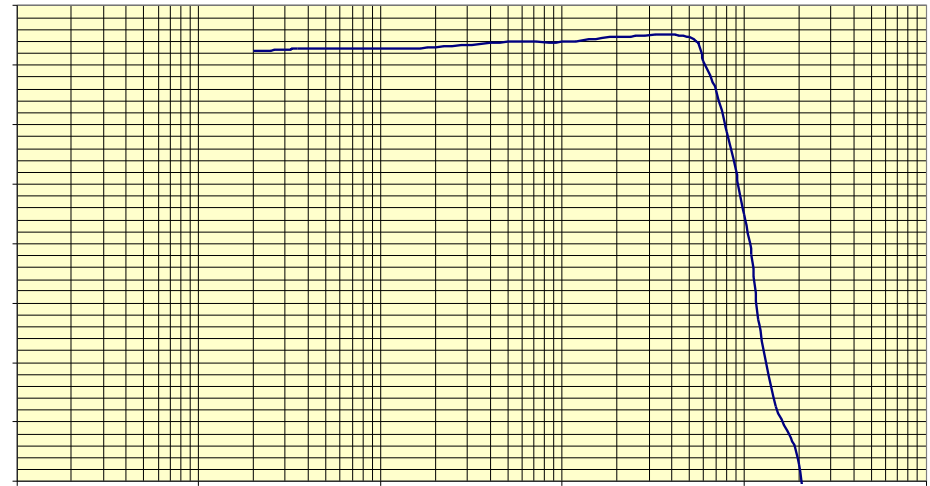
All dimensions in mm unless stated otherwise

| ISSUE | DATE | DRAWN | CHECKED | DRAWING NUMBER |
|-------|----------|-------|---------|----------------|
| 1 | 31/07/03 | CS | | OEP1200 |
| 15 | 17/08/15 | CS | | |
| 16 | 14/10/22 | CS | | |
| 17 | 16/02/23 | CS | | |

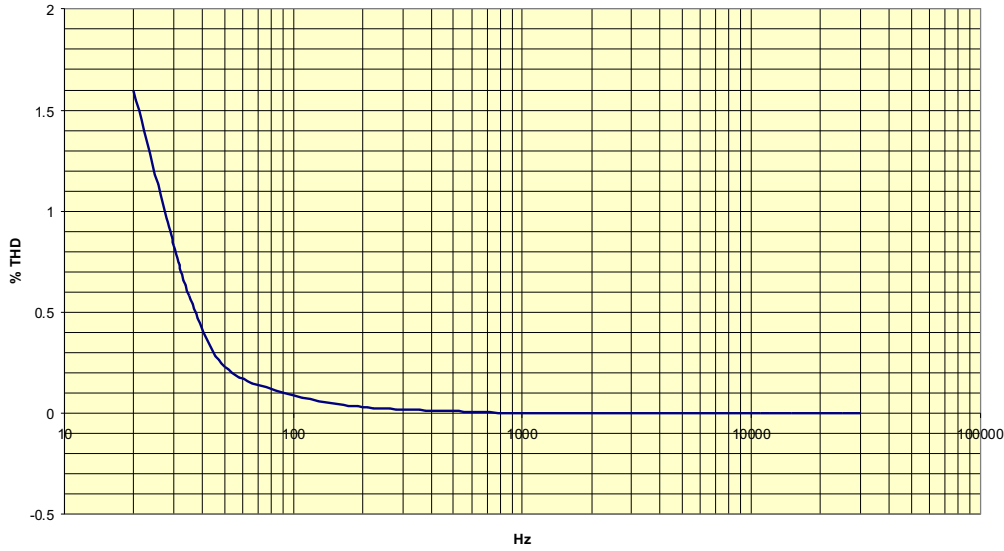
Return loss: source impedance 600R, level -10dBm, secondary loaded with 560R/33nF



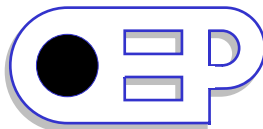
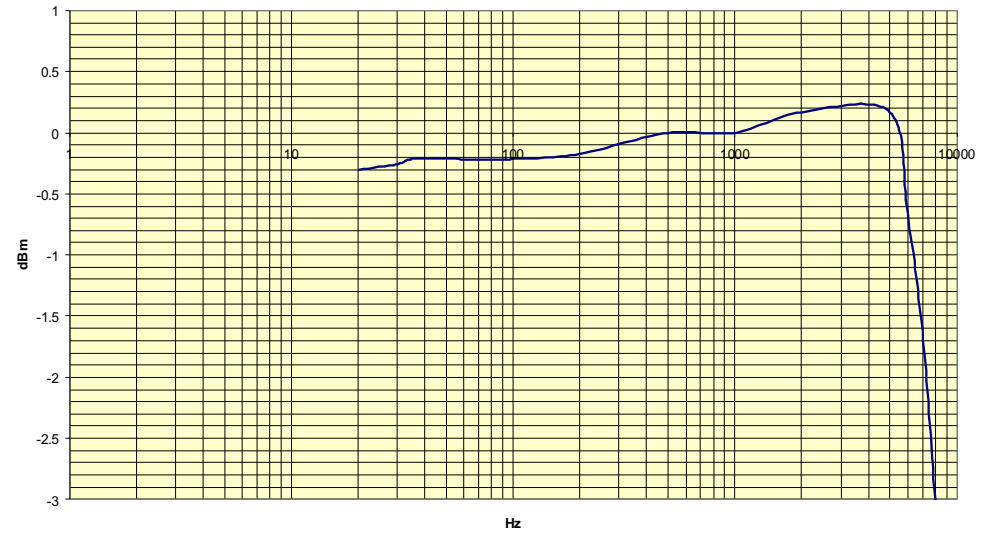
Insertion loss, source impedance 600R, level -10dBm, secondary loaded with 560R/33nF



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
page 2 of 2

All dimensions in mm unless stated otherwise

| ISSUE | DATE | DRAWN | CHECKED | DRAWING NUMBER |
|-------|----------|-------|---------|----------------|
| 1 | 31/07/03 | CS | | OEP1200 |
| 15 | 17/08/15 | CS | | |
| 16 | 14/10/22 | CS | | |
| 17 | 16/02/23 | CS | | |