

**Specification:**

Description: microphone matching transformer

Turns ratio: 1 CT to 9.13

Impedance ratio: 600 CT to 50k

Frequency response (-3dB): 25Hz - 30kHz (0dBm source)

Distortion: 0.5% max. @ 30Hz, +3dBm

DC resistance ( +/- 15%)

Primary: 30.9 (total)

Secondary: 1520

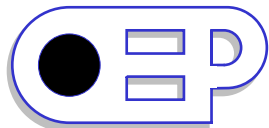
Inductance @ 100Hz, 0.27V:

Primary: 378mH min.

Secondary: 126H min.

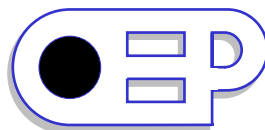
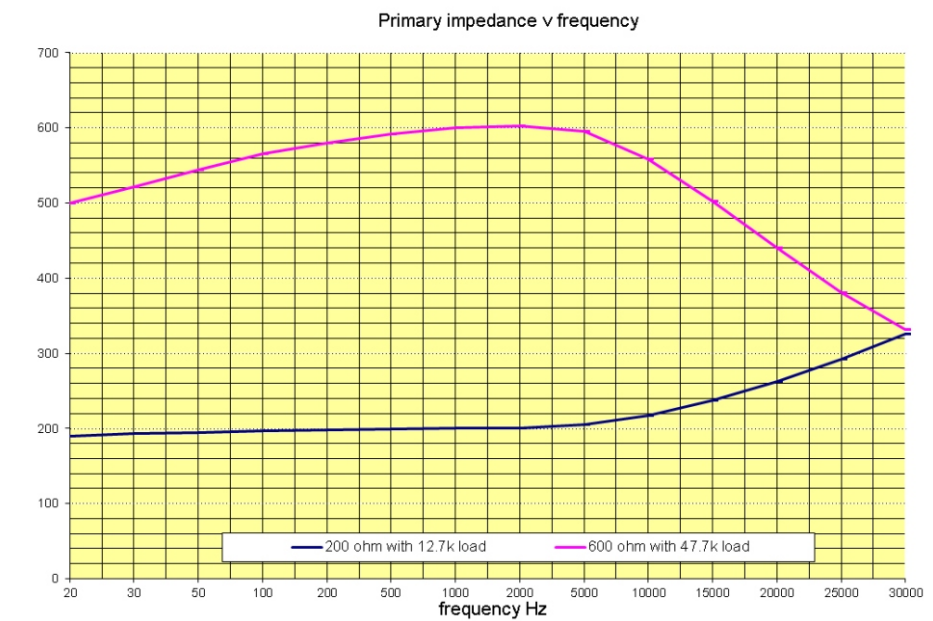
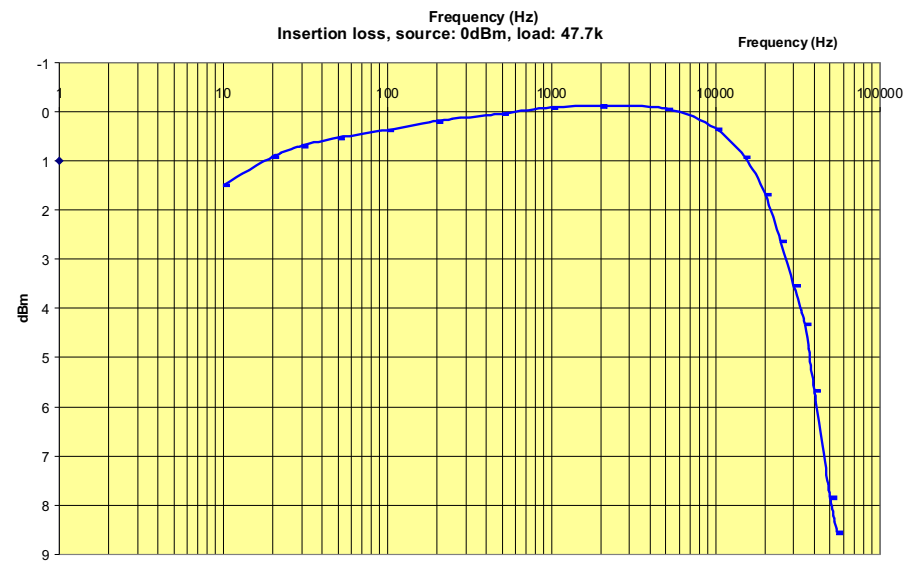
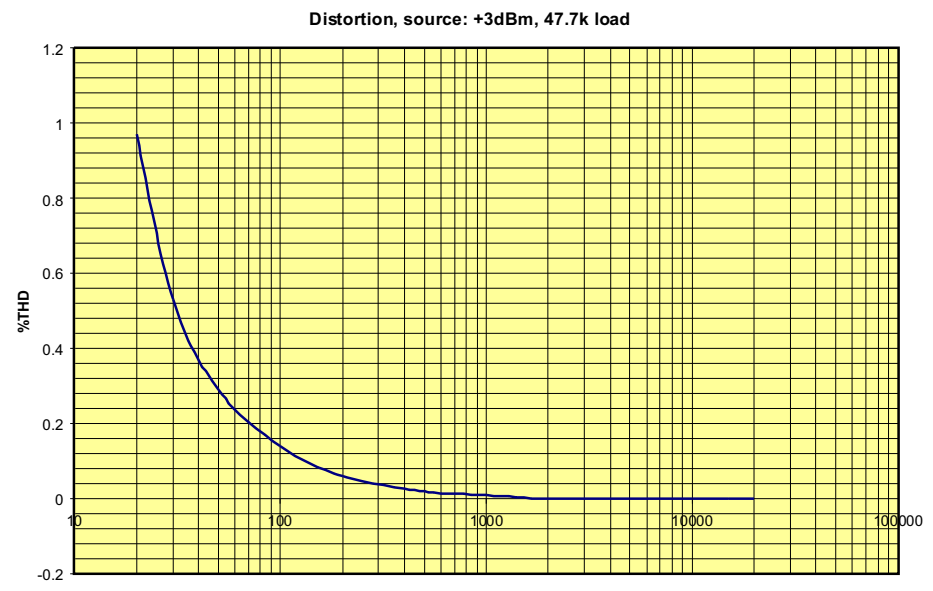
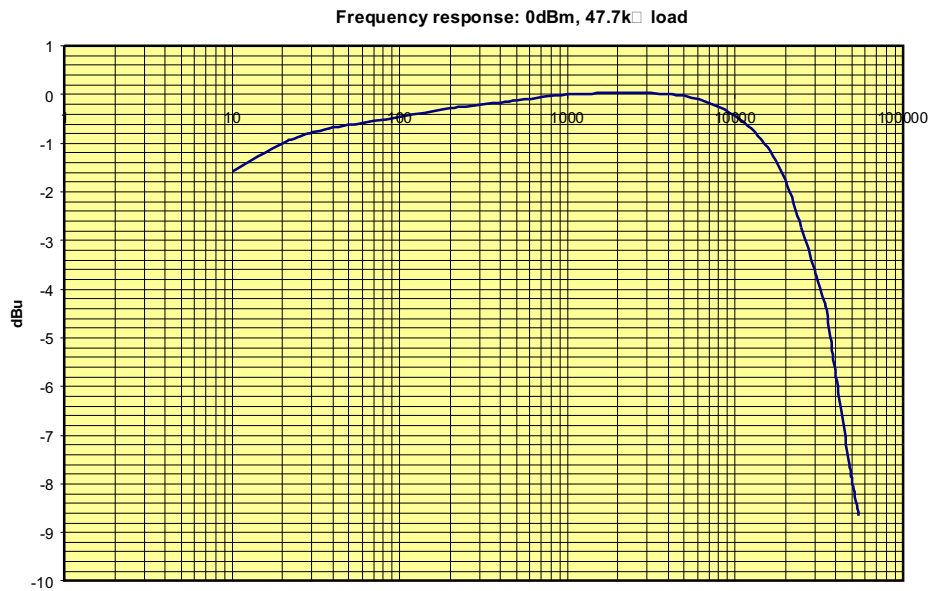
Hi-pot, primary to secondary: 500VDC

Mass: 0.1kg  
 Threaded mounting bush: 3/8"  
 Screening can: mu-metal  
 Lead length: 185mm +/- 5mm  
 Tolerance on all dimensions: +/- 0.3mm unless stated otherwise



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 Kidlington, Oxfordshire. OX5 1FP  
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| DESCRIPTION                            | ISSUE  | DATE     | DRAWN | CHECKED | DRAWING NUMBER |
|--|--|----------|-------|---------|----------------|
| Specification for X187B<br>page 1 of 2 | 1  | 17/07/07 | CS    |         | <b>X187B</b>   |
|  | 2  | 28/09/09 | CS    |         |                |
|  | 3  | 23/01/15 | CS    |         |                |
| Scale: nts.                            | All dimensions in mm unless stated otherwise |          |       |         |                |



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