



Overall transformer dimensions

H = 21.0 (excluding pins)
 D = 21.5
 W = 28.5

Tolerance on all hole positions $\pm 0.5\text{mm}$
 Hole dia. 1mm

Electrical specification.

Turns ratio: 3.6:1+1
 Primary impedance: 3k ohms
 Secondary impedance: 250 ohms + 250 ohms
 Max. power: 5mW
 Frequency range: 200Hz - 15kHz
 Primary inductance 3.7H nom. @ 100Hz
 Primary resistance 78.5 ohms $\pm 15\%$

Secondary 1 inductance 390mH nom. @ 100Hz
 Secondary 1 resistance 23 ohms $\pm 15\%$
 Secondary 2 inductance 390mH nom. @ 100Hz
 Secondary 2 resistance 23 ohms $\pm 15\%$



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| DESCRIPTION | ISSUE | DATE | DRAWN | CHECKED | DRAWING NUMBER |
|---------------------------------------------------|-------|----------|-------|---------|----------------|
| Mechanical and Electrical Specification for E187B | 1 | 30/06/97 | PCG | | E187B |
| | 2 | 27/11/02 | CS | | |
| Scale: | | | | | |
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