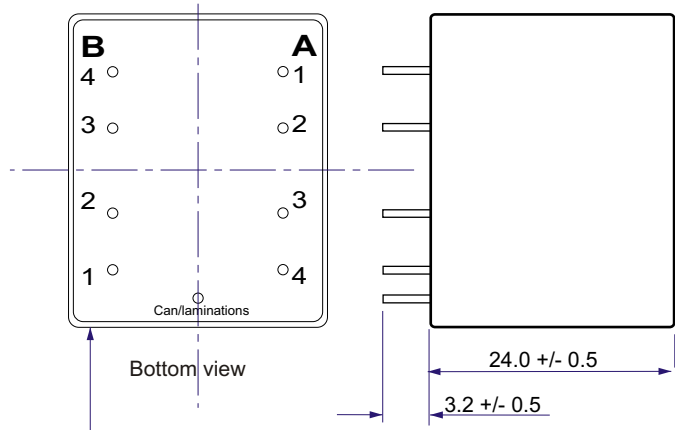
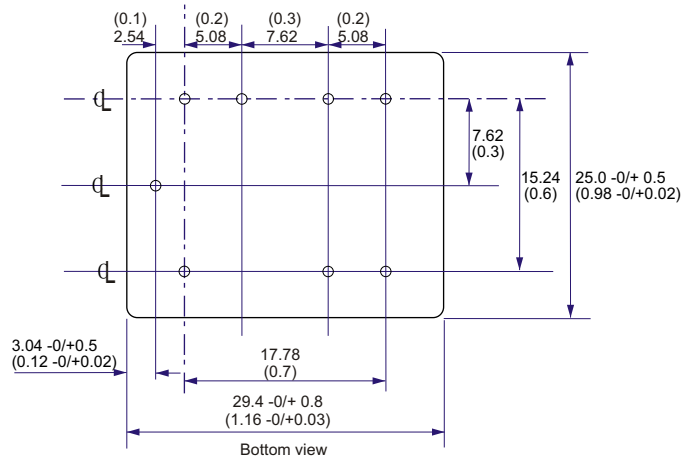


**Uses:**

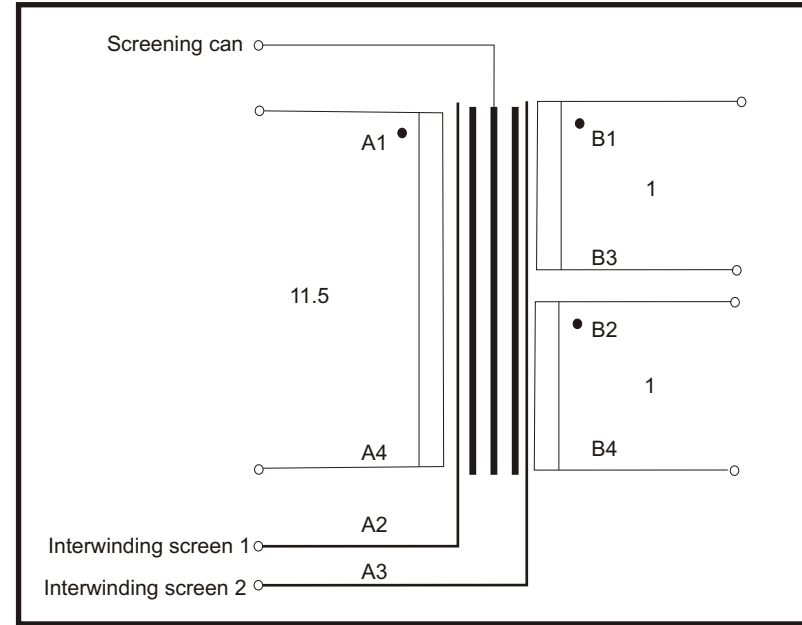
- Coupling instrument pickups to low impedance microphone inputs
- Unbalanced line level to balanced microphone output
- Eliminates hum.
- Long cable runs without HF loss



Enclosure: Mu-metal screening can.



Tolerance on all dimensions in millimetres: +/- 0.1mm unless stated otherwise.  
 Inches shown in brackets.  
 Tolerance on dimensions in inches: +/- 0.005" unless stated otherwise.  
 Pin diameter 0.7mm (0.0276)



**Specifications:**

- Winding ratio: 11.5 to 1+1
- DC resistance ( +/-15%):
- Primary: 3k4. Secondary: 293 series wired, 68 parallel wired
- Impedance ratio: 140k to 1k
- Inductance (typical), @ 300Hz, 0.25V (series equivalent circuit):
- Primary: 760H, secondaries: 5.6H (see graph on page 2)
- Maximum input level @ 20Hz with <1% distortion: +21.5dBu
- Primary leakage inductance (@ 1kHz): 155mH (typ.) (all secondaries S/C)
- Interwinding capacitance @ 1kHz: Primary to Secondary 1: 42pF  
 Primary to Secondary 2: 63pF  
 Primary to shield: 39pF

THD (@ 20Hz, +4dBu) with 1k load: 0.1% max.  
 Voltage gain (@1kHz, 0dBu): -22.0dBu +/- 0.2

Proof voltage: winding to winding: 250Vrms  
 screens to windings: 250Vrms

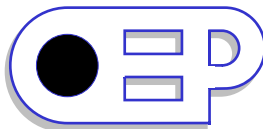
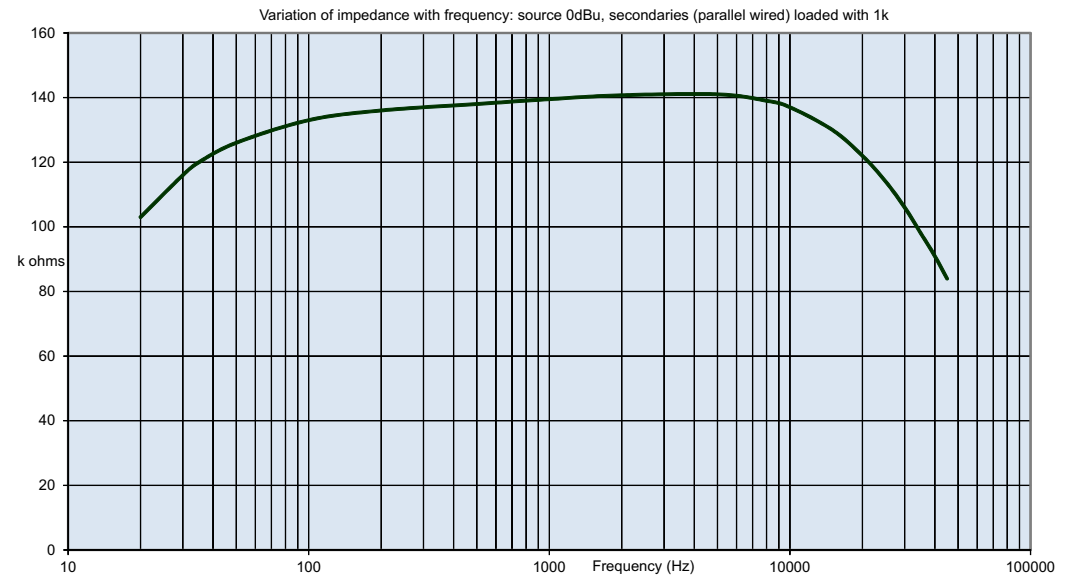
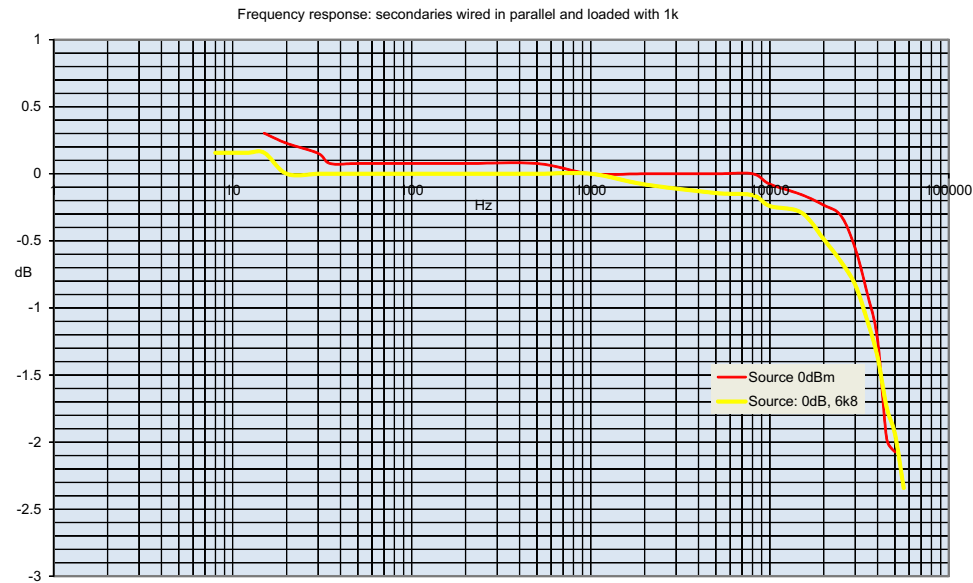
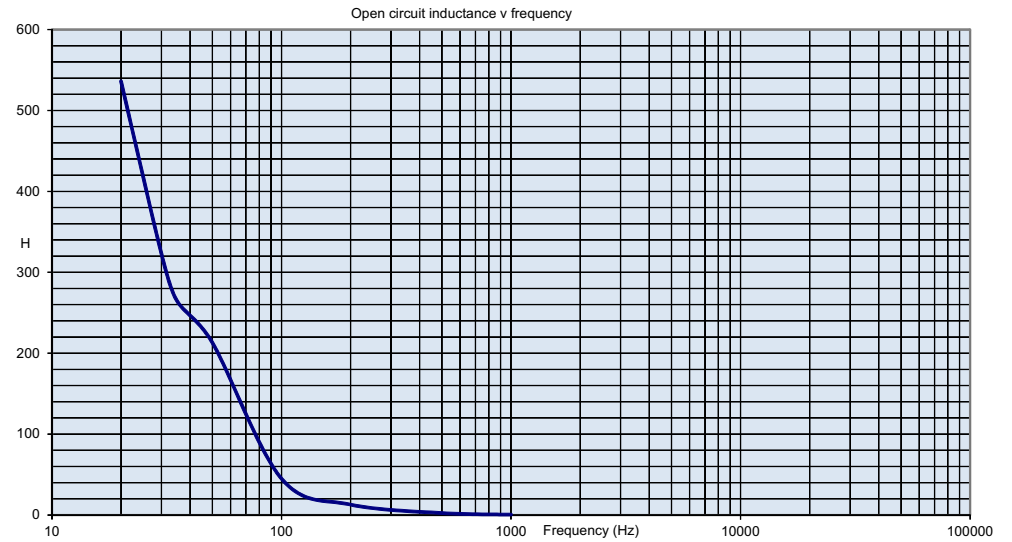
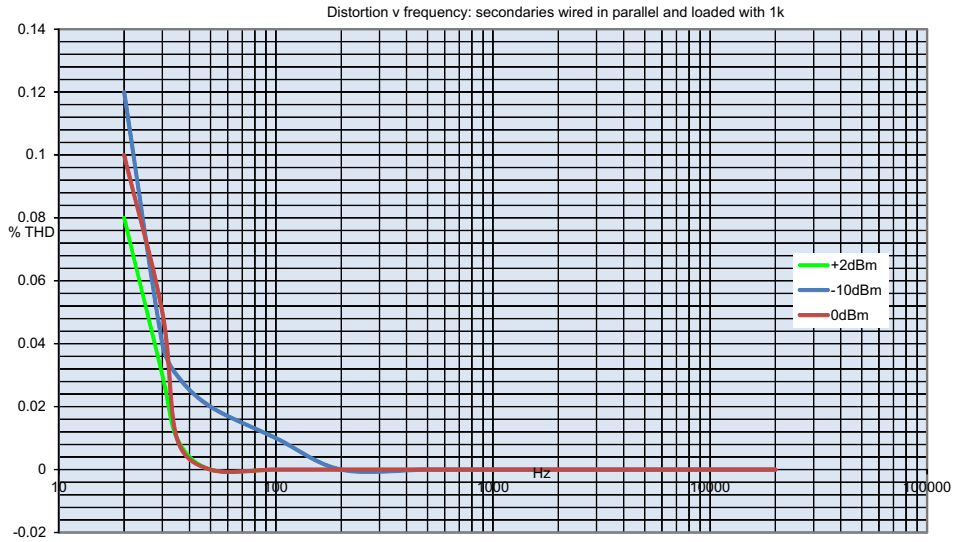
N.B. Do not pass DC through windings.  
 Operating temperature range: 0 to +70°C



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

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for A187A10C page 1 of 4	1	14/12/09	CS		<b>A187A10C</b>
	8	15/09/15	CS		
	9	29/01/18	CS		
	10	18/12/18	CS		

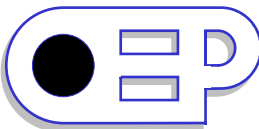
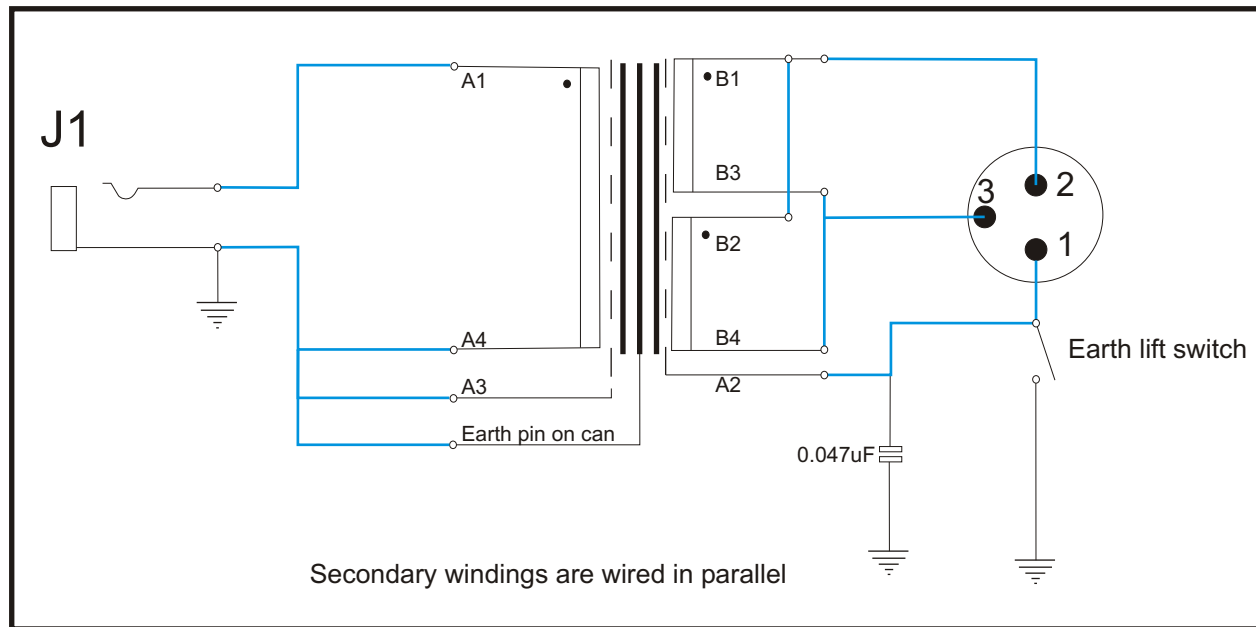
Scale: nts All dimensions in mm unless stated otherwise



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Specification for A187A10C page 2 of 4	1	14/12/09	CS		<b>A187A10C</b>
	8	15/09/15	CS		
	9	29/01/18	CS		
	10	18/12/18	CS		

Scale: nts All dimensions in mm unless stated otherwise




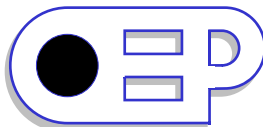
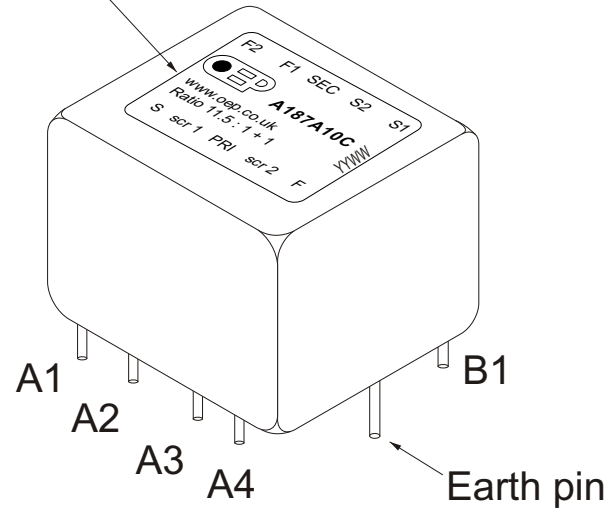
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Specification for A187A10C page 3 of 4	1	14/12/09	CS		<b>A187A10C</b>
	8	15/09/15	CS		
	9	29/01/18	CS		
	10	18/12/18	CS		

Scale: nts

All dimensions in mm unless stated otherwise

F2 F1 SEC S2 S1  
 **A187A10C**  
 www.oep.co.uk  
 Ratio 11.5:1 + 1  
 S scr1 PRI scr 2 F



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Specification for A187A10C page 4 of 4	1	14/12/09	CS		<b>A187A10C</b>
	8	15/09/15	CS		
	9	29/01/18	CS		
	10	18/12/18	CS		

Scale: nts

All dimensions in mm unless stated otherwise