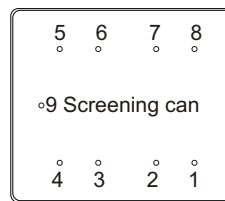
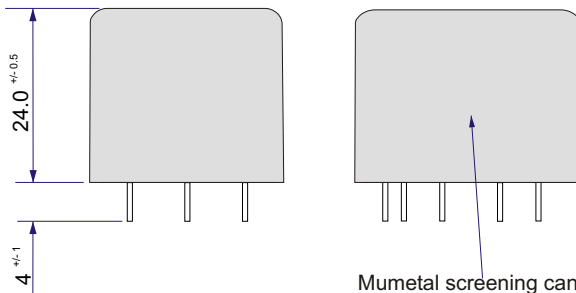
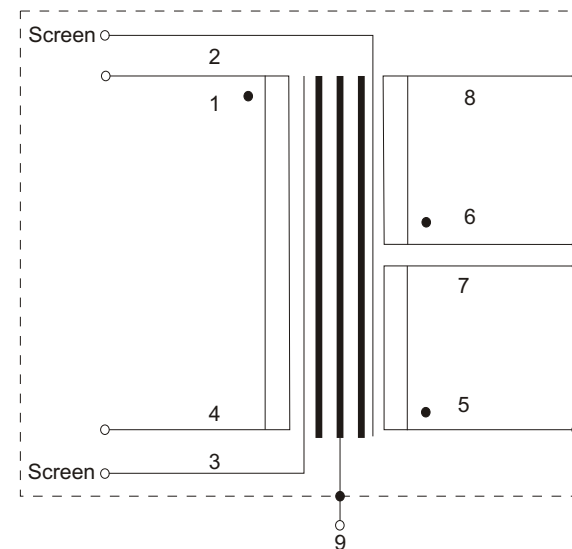


Date code
YY = year
WW=week



Pin view



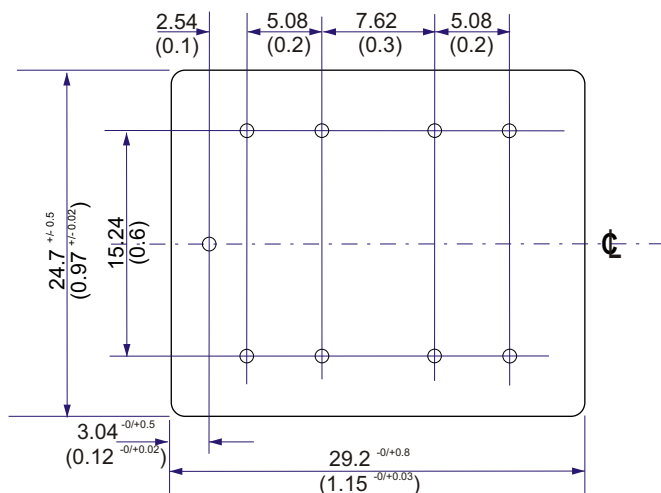
Electrical schematic

Specifications:

Turns ratio: 11.5 to 1+1
 DC resistance (ohms +/-15%):
 (1 - 4): 3300k
 (5 - 8) (6+7 linked in series): 272
 (5//6 - 7//8) linked in parallel: 67
 Impedance ratio: 140k to 1k (5//6 and 7//8 parallel wired)
 Maximum input level @ 20Hz with <1% distortion: +21.5dBu
 Leakage inductance(1 - 4) @ 1kHz: 155mH (typ.) (5,6,7,8 S/C)
 Interwinding capacitance @ 10kHz:
 (1,4) to (5,7): 45pF (typ.)
 (1,4) to (6,8): 65pF (typ.)
 (1,4) to can: 39pF (typ.)
 (1,4) to (5,6,7,8) with screens + can earthed: 5pF (typ.)
 Voltage gain (@1kHz, 0dBu): -22.0dBu +/- 0.2
 Proof voltage: winding to winding: 250Vrms
 screens to windings: 250Vrms

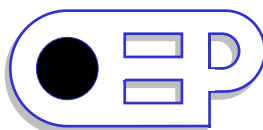
Applications:

D.I. for electric guitar
 Coupling instrument pickups to low impedance microphone inputs
 Converts unbalanced line level (high impedance) instrument signals to balanced microphone input level for direct connection to a mixing desk.
 Eliminates hum.
 Long cable runs without HF loss



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

Operating temperature range: 0 to +70°C
 Storage temperature range: -25°C to +120°C



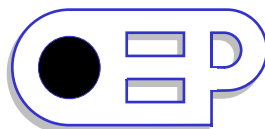
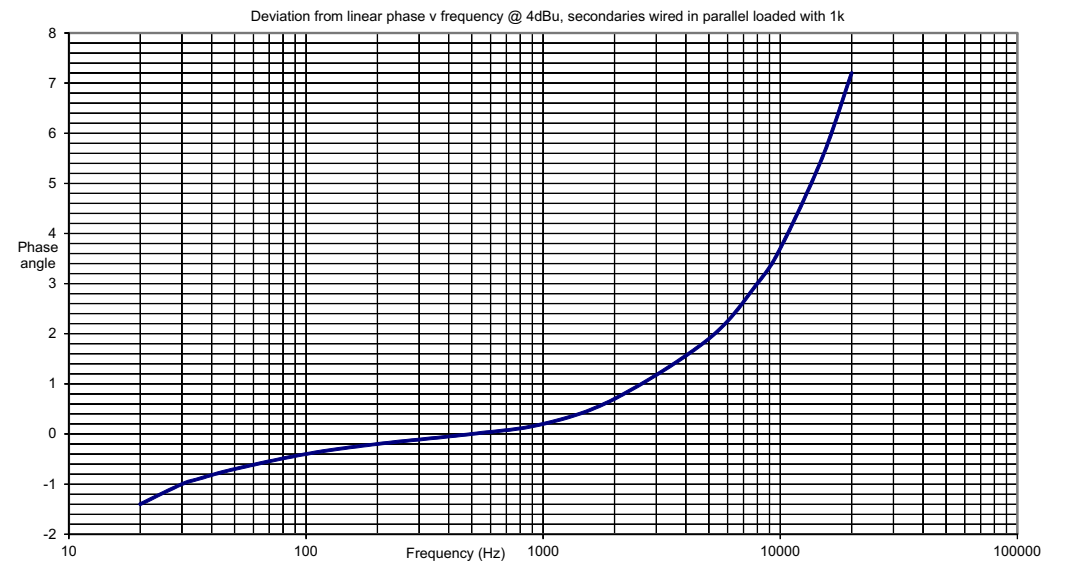
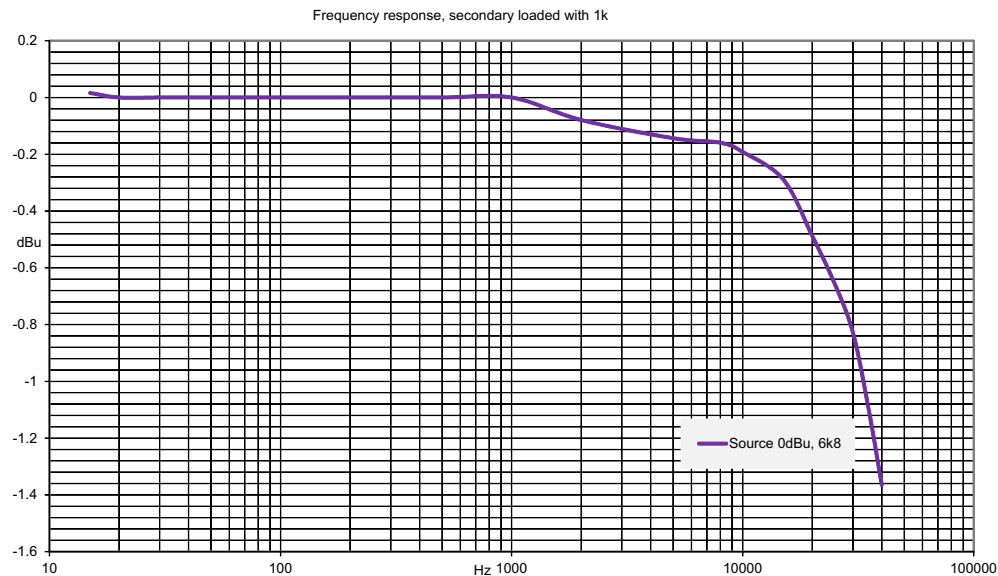
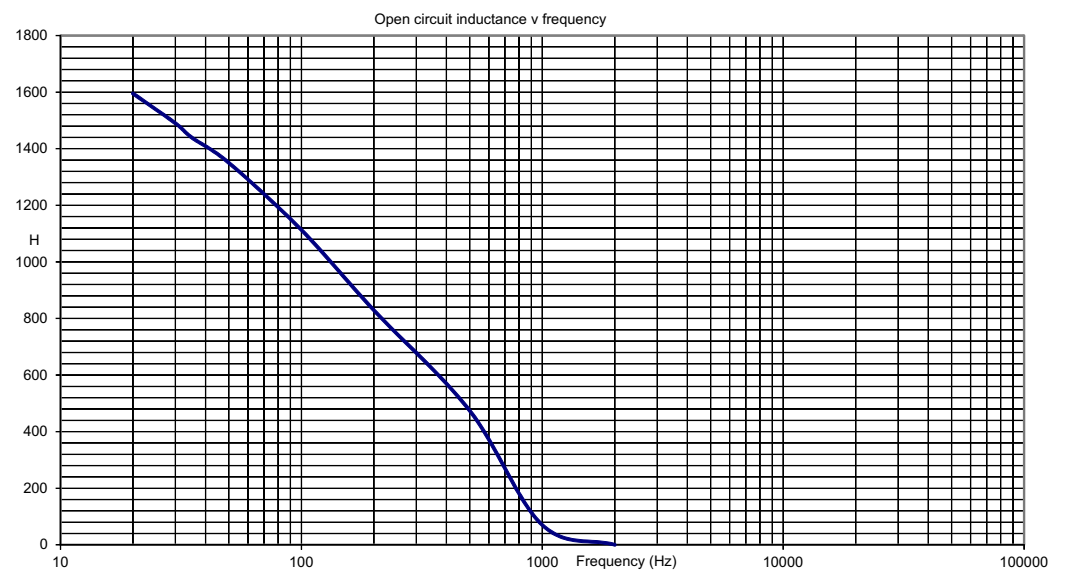
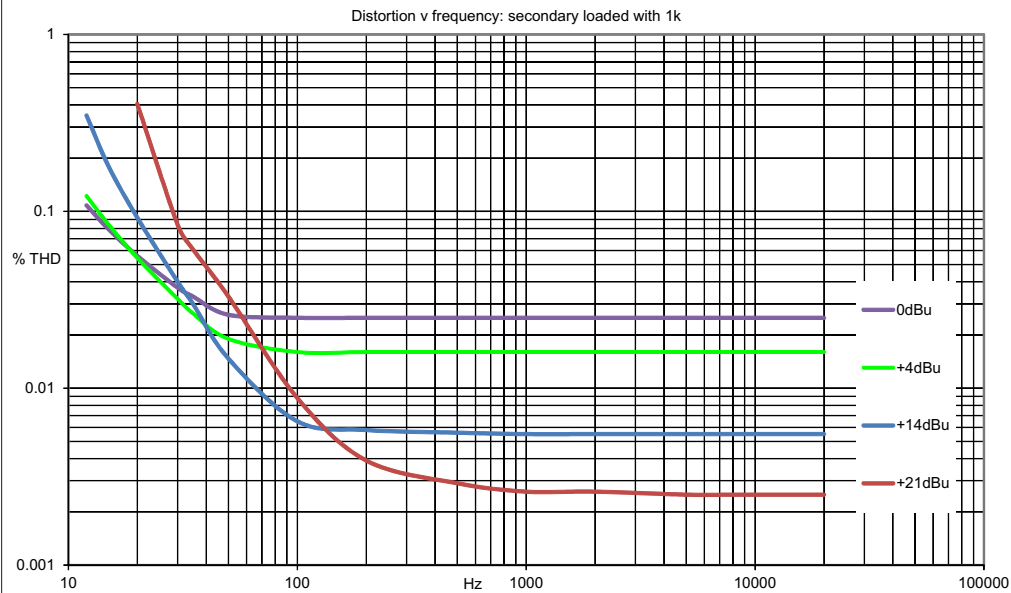
Unit 5, Oxonian Park, Langford Locks,
 Kidlington, Oxfordshire. OX5 1FP
 Tel: (01865) 855085 Fax: (01865) 855075
 Website: www.carnhill.co.uk

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Direct Box (D.I.) transformer page 1 of 3	1	14/12/09	CS		A187A10C
	9	29/01/18	CS		
	10	18/12/18	CS		
	11	04/01/24	CS		



Scale: nts

All dimensions in mm unless stated otherwise

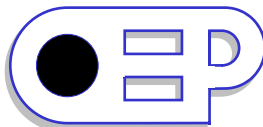
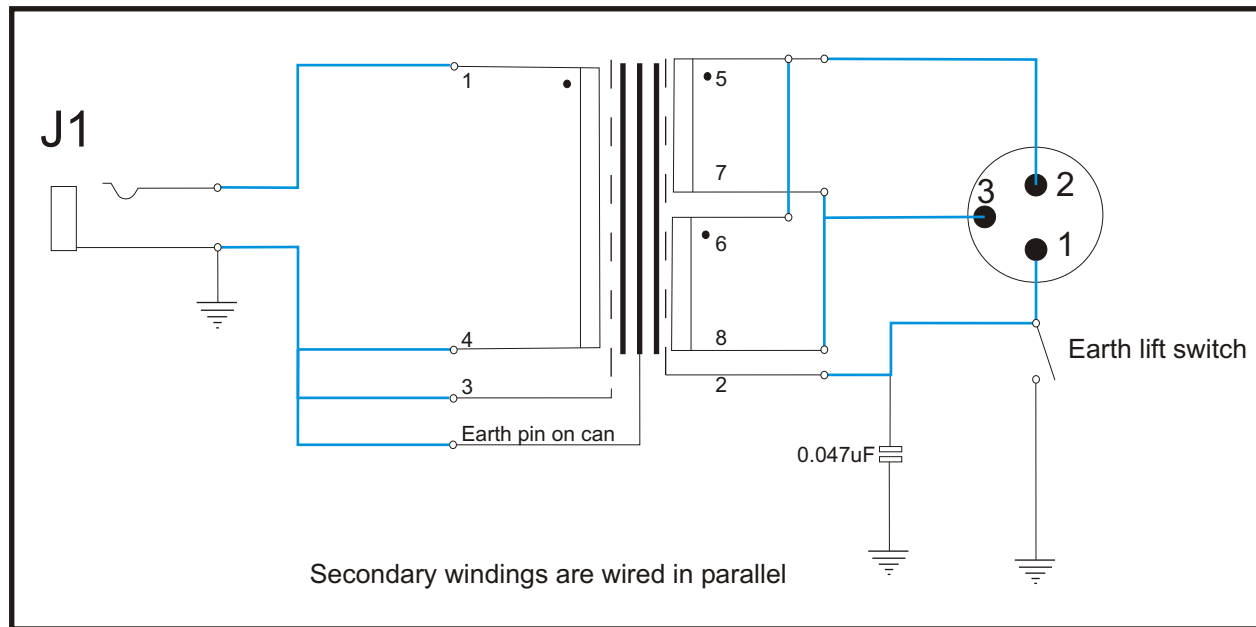


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Direct Box (D.I.) transformer page 2 of 3	1	14/12/09	CS		A187A10C
	9	29/01/18	CS		
	10	18/12/18	CS		
	11	04/01/24	CS		

Scale: nts

All dimensions in mm unless stated otherwise



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Scale: nts

All dimensions in mm unless stated otherwise