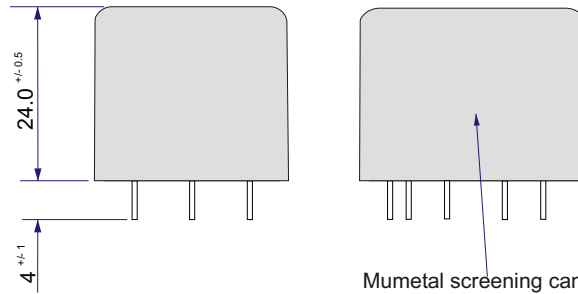
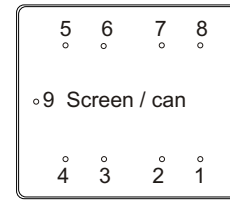


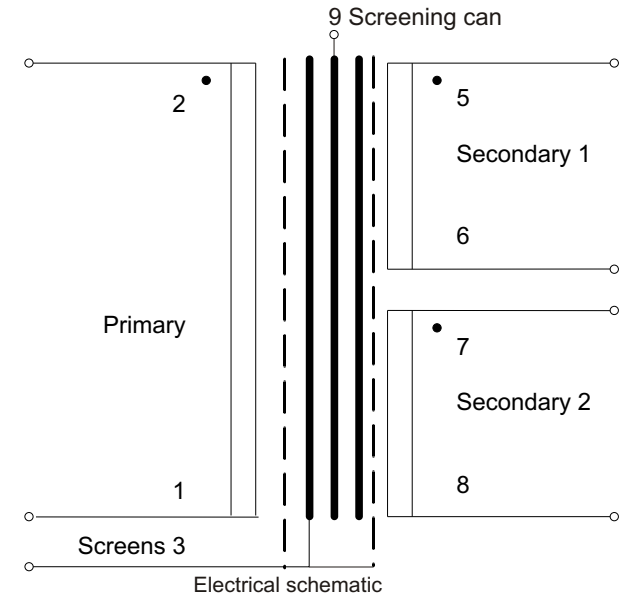
Date code  
YY = year  
WW = week



Mumetal screening can



Pin view



**Electrical characteristics:**

Turns ratio: 1 to 1 to 1

Input impedance\*: 578

Voltage gain\* (-20dBu, 1kHz): -1.2dBu (typ.)

Maximum input\* @ 20Hz for <1% THD: 1.2dBu

DC resistance ( +/-15%)

(2 - 1): 48

(5 - 6) = (7 - 8): 50

Leakage inductance @ 1kHz, 0.077V

(2 - 1): 1.62mH (typ.) (5, 6, 7, 8 S/C)

Interwinding capacitance @ 10kHz

(2 - 1) to (5 - 6): 47pF typ. / 2.2pF (typ.) with screen earthed

(2 - 1) to (7 - 8): 79pF typ. / 5.1pF (typ.) with screen earthed

(2 - 1) to screens: 182pF (typ.)

\* secondaries loaded with 1k per output

**Features:**

Provides 2 isolated outputs for mic pre amps  
Encapsulated in a mu-metal screening can that provides up to 30dB of magnetic shielding

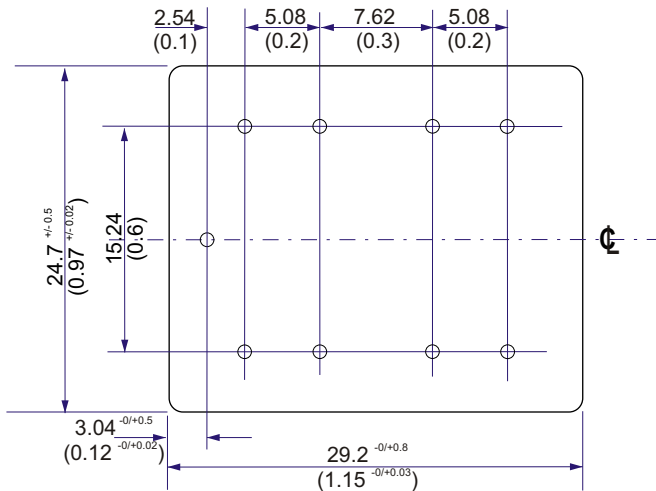
**Proof voltages**

Primary to secondary: 250VDC

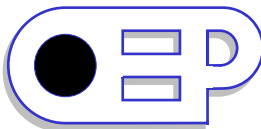
Windings to screens: 250VDC

Operating temperature range: 0 to +70°C

Storage temperature range: -25°C to +120°C



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)



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



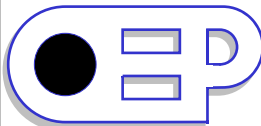
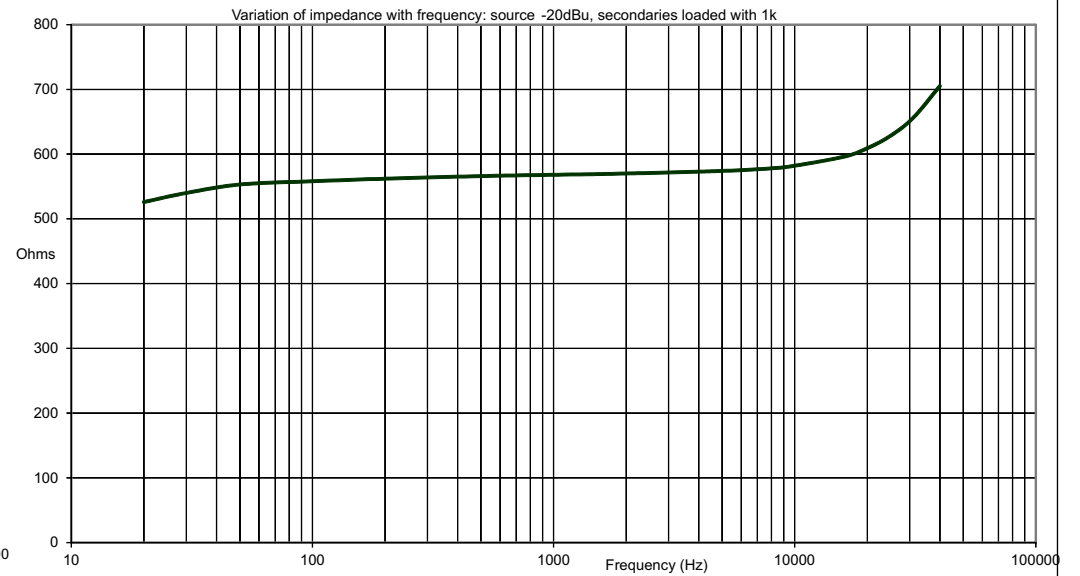
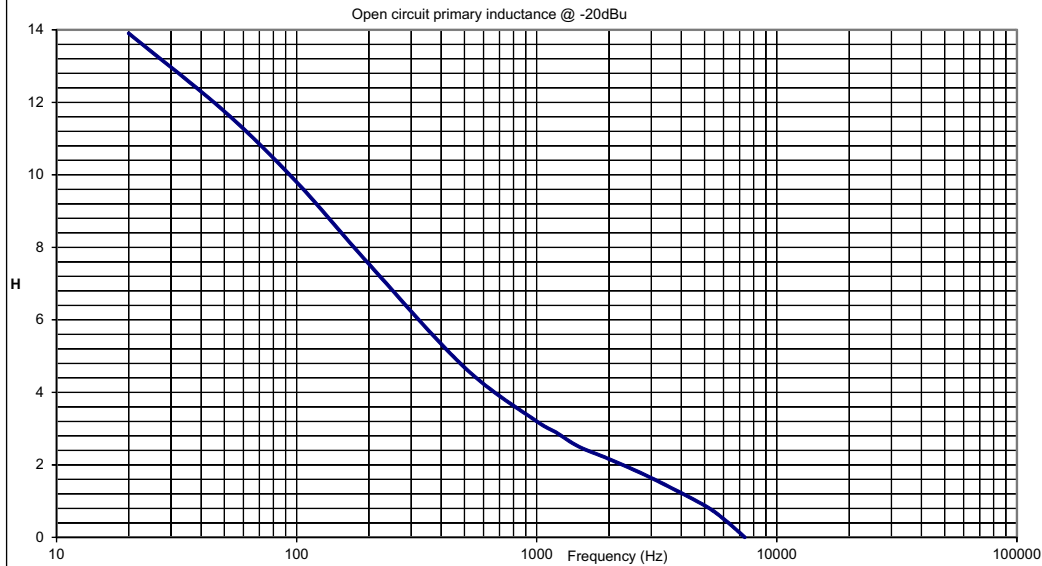
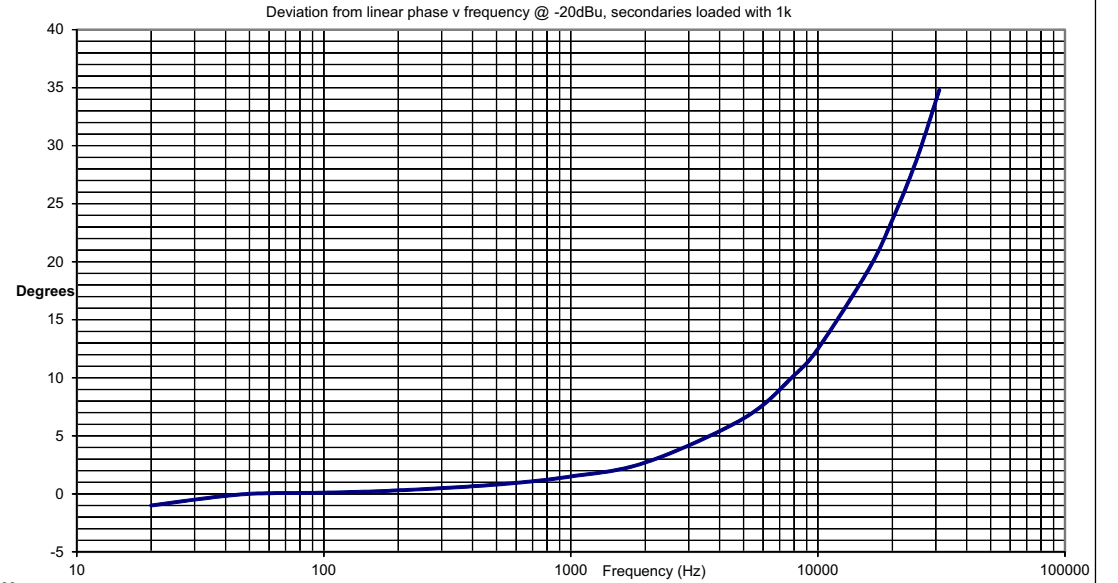
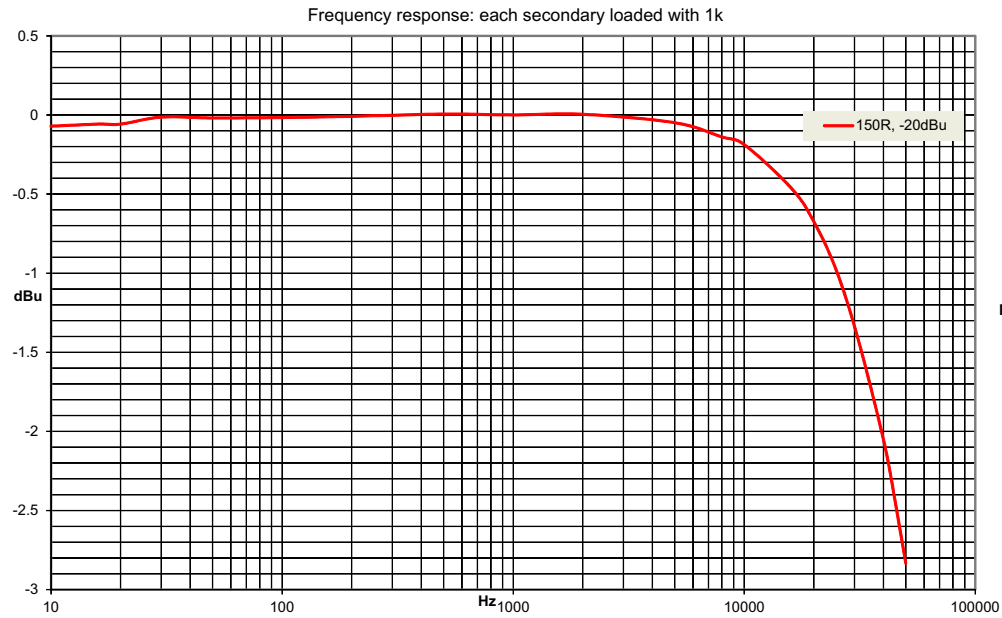
Scale: N.A.

**DESCRIPTION**

1 : 1 : 1 microphone splitting transformer  
page 1 of 3

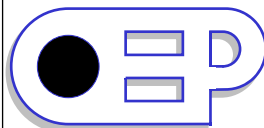
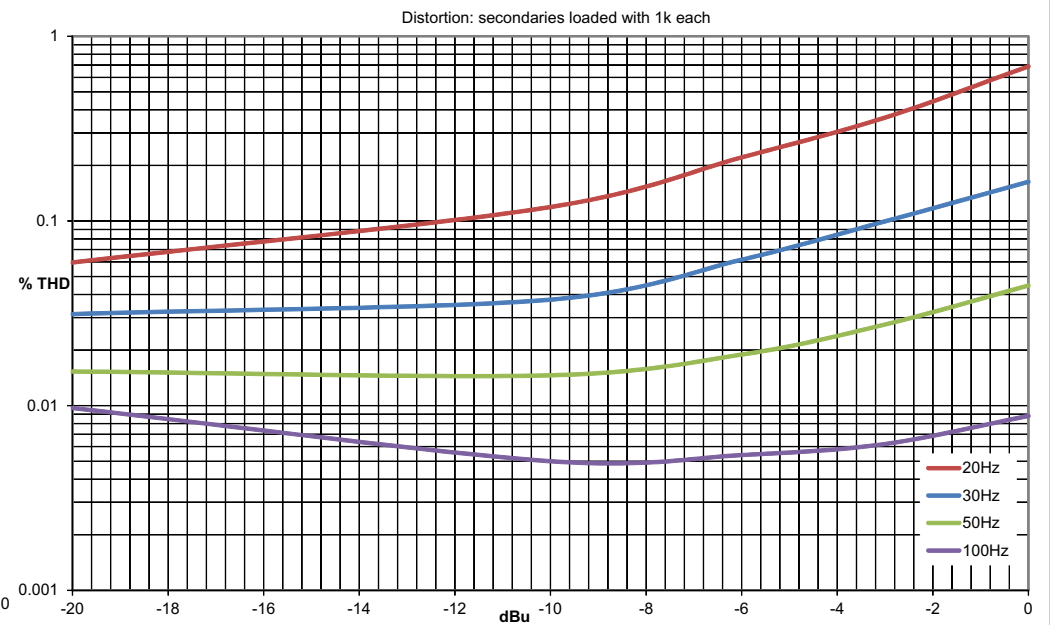
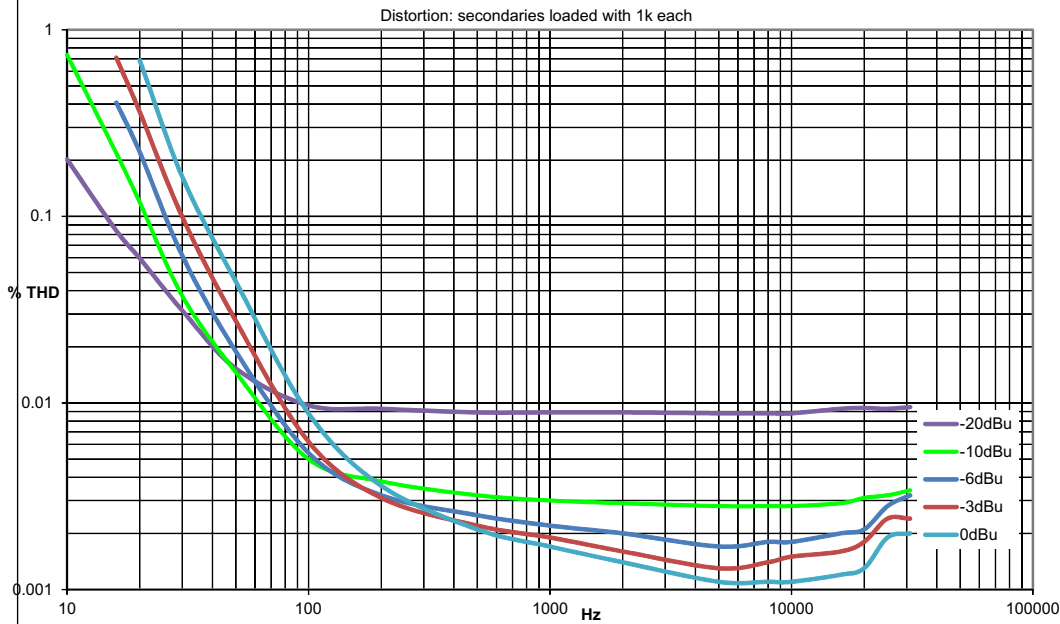
All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	07/04/09	CS		<b>A187A11C</b>
3	04/08/10	CS		
4	26/06/17	CS		
5	23/02/24	CS		



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1 : 1 : 1 microphone splitting transformer page 2 of 3	1	07/04/09	CS		<b>A187A11C</b>
	3	04/08/10	CS		
	4	26/06/17	CS		
	5	23/02/24	CS		
Scale: nts	All dimensions in mm unless stated otherwise				



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1 : 1 : 1 microphone splitting transformer page 3 of 3	1	07/04/09	CS		<b>A187A11C</b>
	3	04/08/10	CS		
	4	26/06/17	CS		
	5	23/02/24	CS		

Scale: nts All dimensions in mm unless stated otherwise