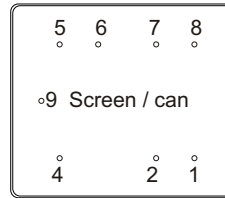
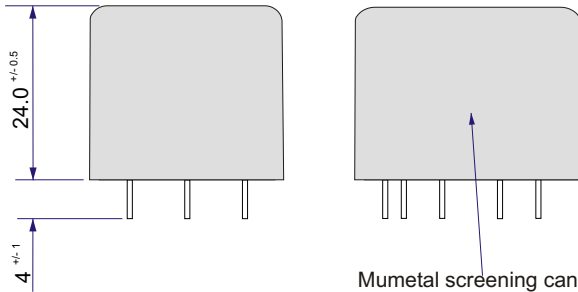
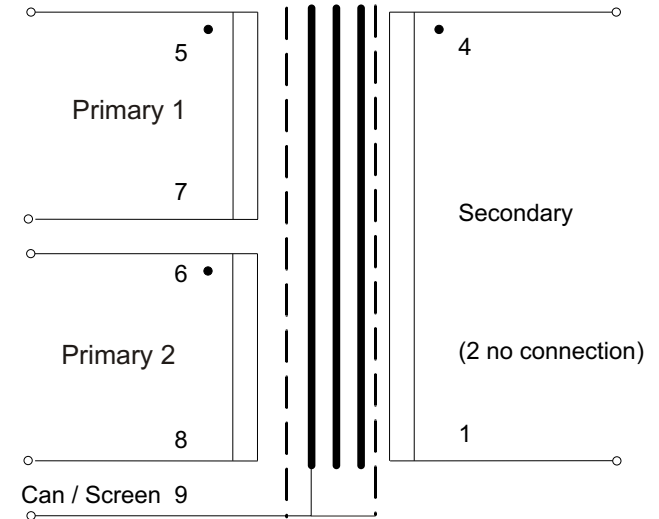


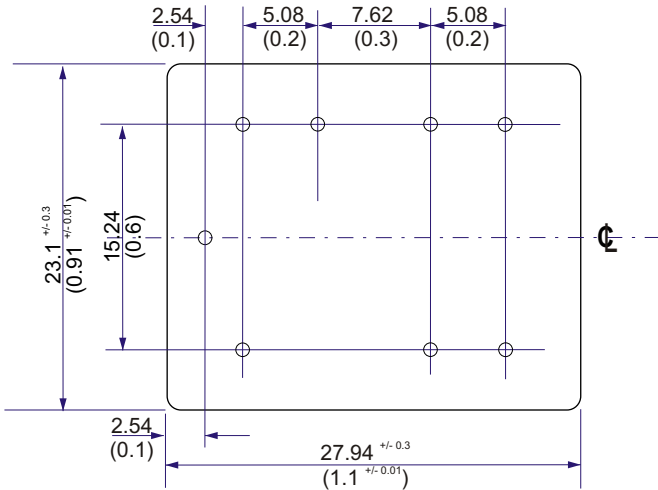
Date code  
YY = year  
WW=week



Pin view



Electrical schematic  
● = electrical start of winding



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)

**Specification:**

Winding ratio: 1+1:10

Impedance ratio:  
150 ohms / 600 ohms to 15k

DC resistance ( +/-15%):  
Primaries: 42.5 + 42.5  
Secondary: 2270

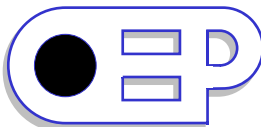
Leakage inductance: 2.8mH (typ.) @ 1kHz  
Maximum input at 20Hz (8 - 5) <1% THD: -2.5dBu

Voltage gain @ 1kHz, 150 ohms, -10dBu: 19.6dB (typ.)

Interwinding capacitance:  
Primaries to secondary: 6pF (typ.) @ 10kHz (screen earthed)  
Primaries to screens: 159pF (typ.) @ 10kHz  
Secondary to screens: 133pF (typ.) @ 10kHz

Proof voltage  
Primaries to secondary: 250VDC  
Windings to screen: 250VDC

Operating temperature range: 0 to +70°C  
Storage temperature range: -25°C to +120°C  
Unit mass: 0.056kg



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)

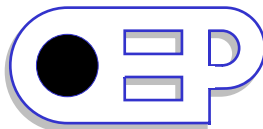
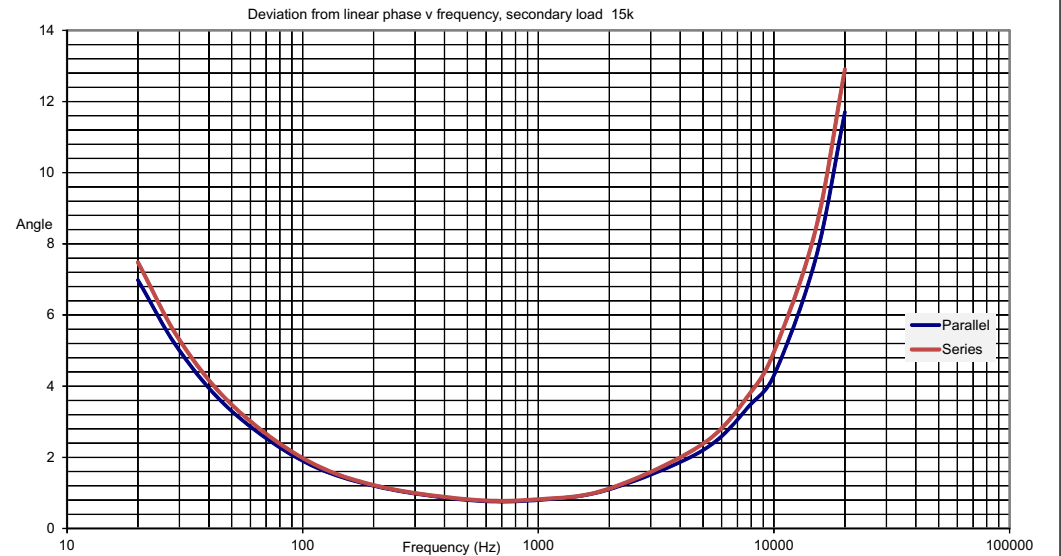
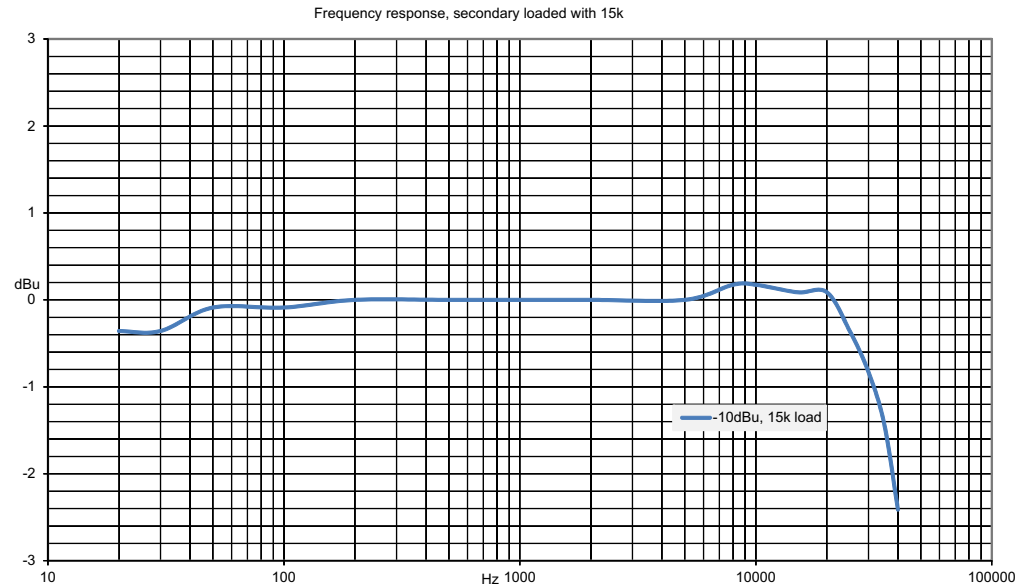
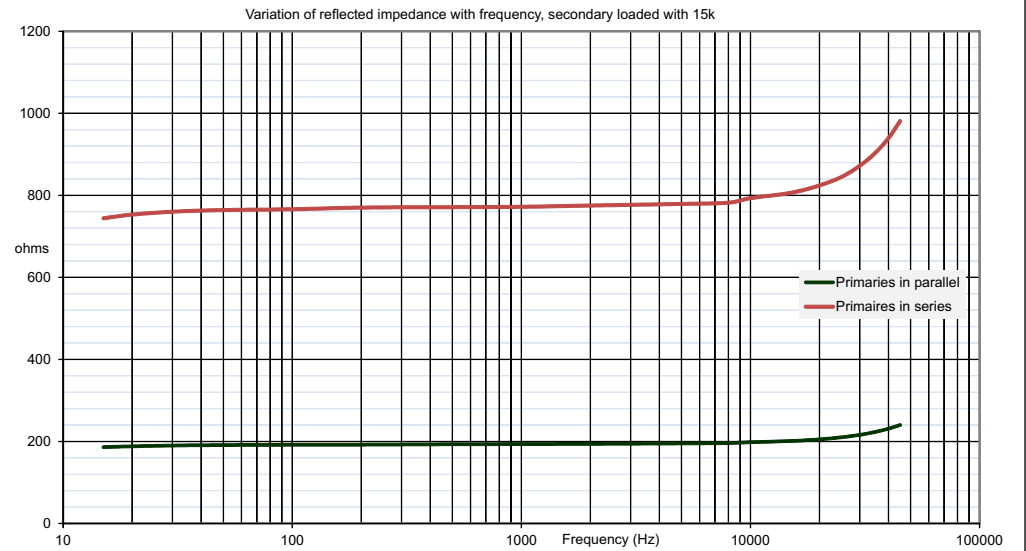
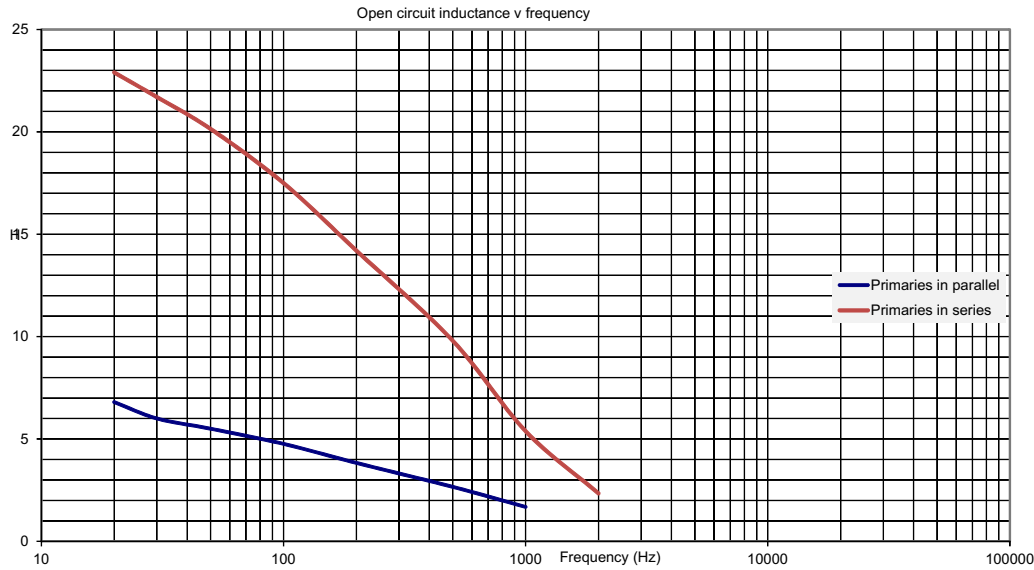


Scale: nts

DESCRIPTION  
1+1:10 microphone input transformer

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	02/11/21	CS		A187A36C
2	25/07/23	CS		
3	13/03/24	CS		

All dimensions in mm unless stated otherwise



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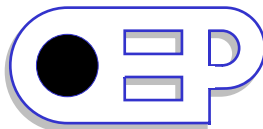
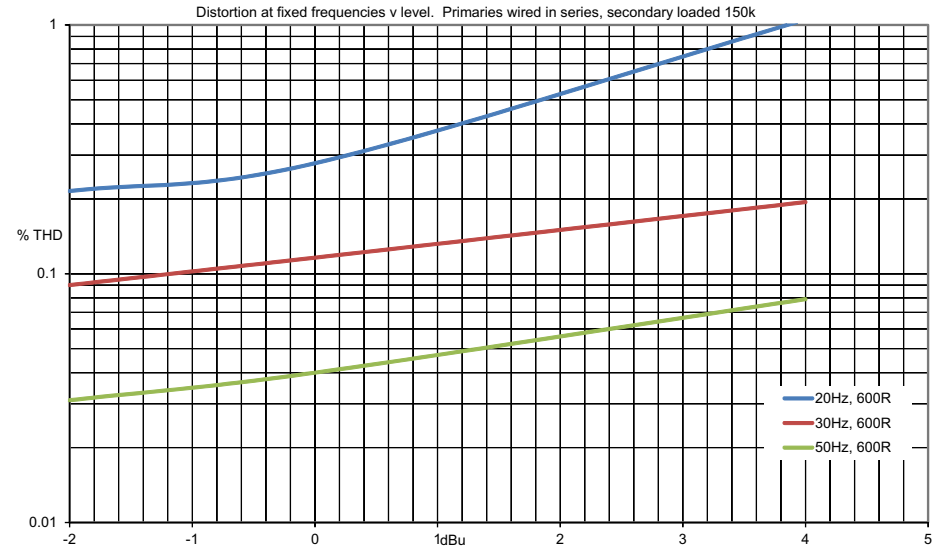
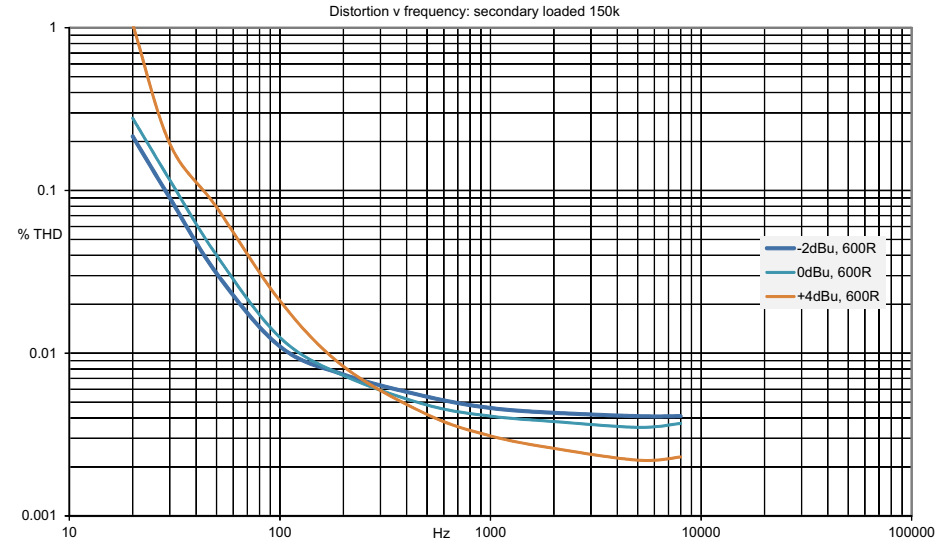
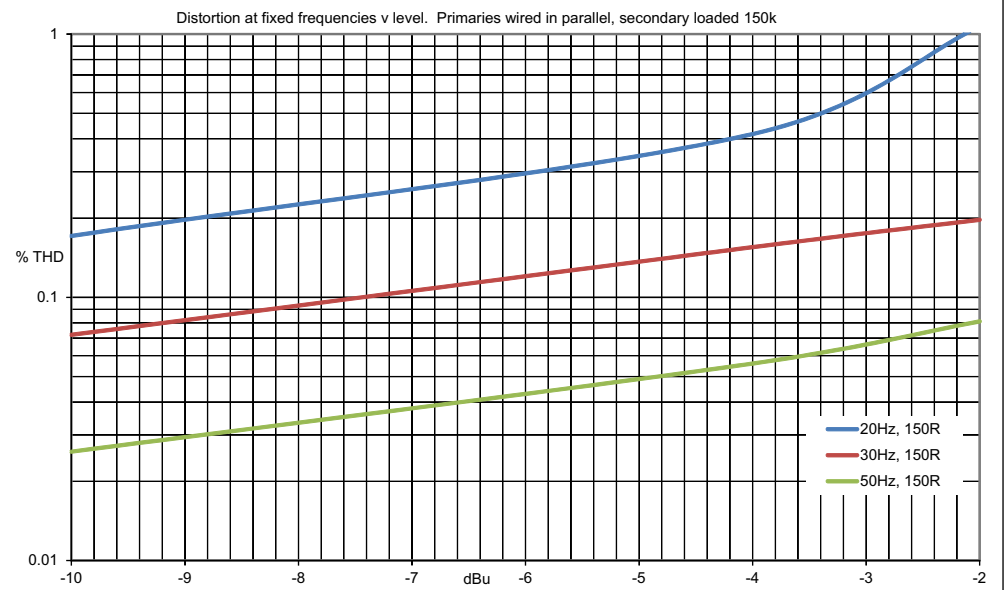
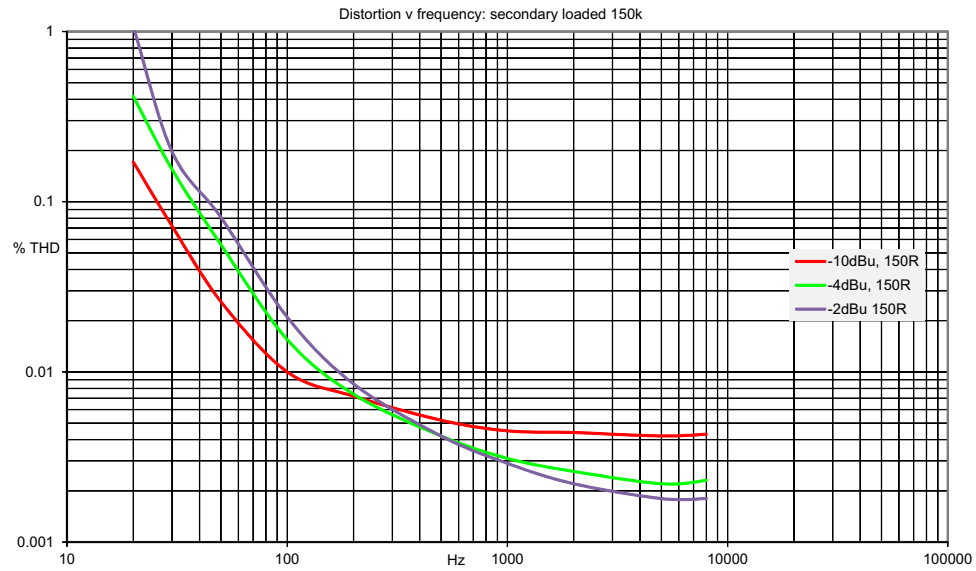
Scale: nts

DESCRIPTION

1+1:10 microphone input transformer

All dimensions in mm unless stated otherwise

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Scale: nts

DESCRIPTION

1+1:10 microphone input transformer

All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
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