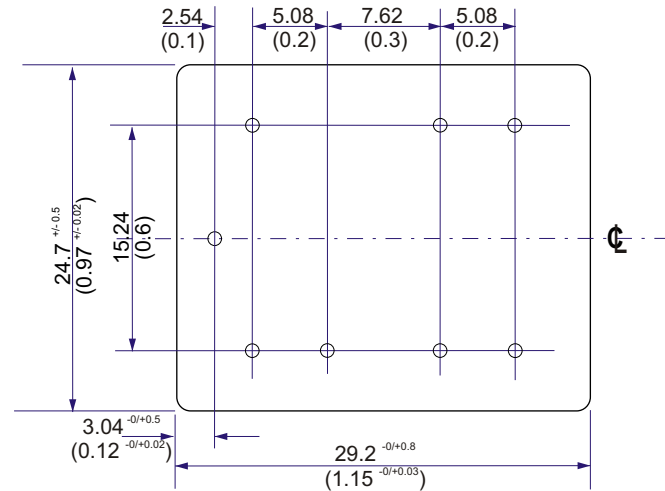
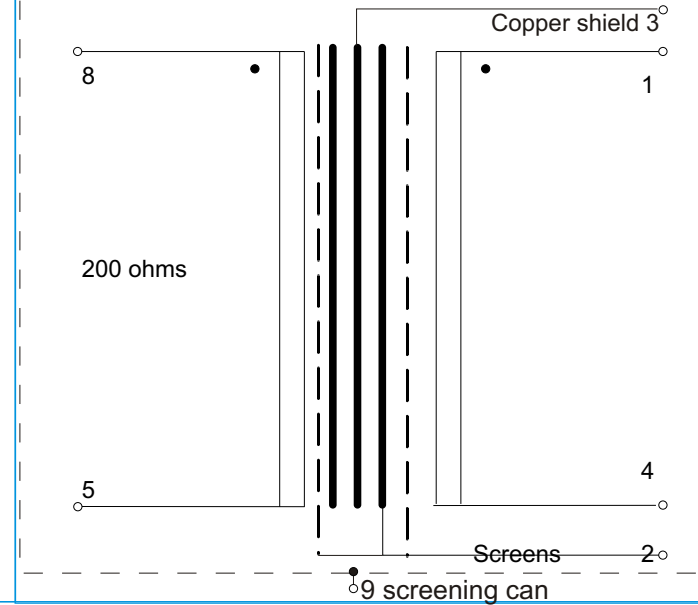
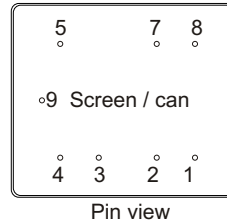
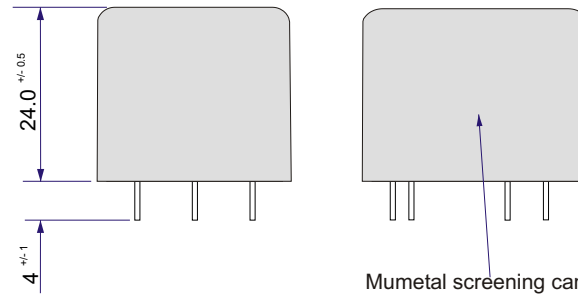


Date code
YY = year
WW=week



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)

Electrical characteristics:

Winding ratio: 1:5
Impedance ratio: 200 ohms to 5k

DC resistance (ohms +/-15%):
Primary: 13.5
Secondary: 352

Leakage inductance @ 1kHz, 0.1V: 12.7mH (typ.) with pins 5+8 S/C)
Interwinding capacitance @ 10kHz, 0.1V:
primary to secondary: 5.6pF (typ.) (screens earthed)
primary to screens: 145pF (typ.)
secondary to screens: 145pF (typ.)

Voltage gain @1kHz, -10dBu: 12.88dBu
Maximum input @ 20Hz (<1% THD): -4dBu

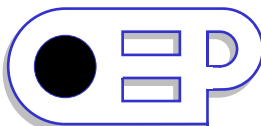
Proof voltage: windings to screens: 500Vrms
primary to secondary: 500Vrms

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

Features:

Ideal for medium impedance amplifiers
Over 12dB of voltage gain
Multiple electrostatic screens
Encapsulated in a mu-metal screening can that provides up to 30dB of magnetic shielding

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



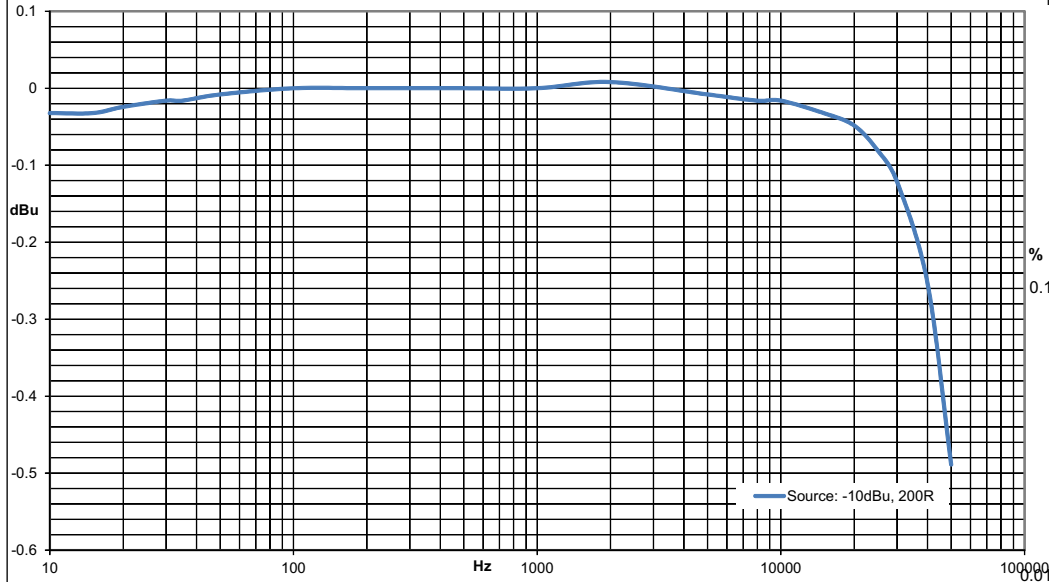
Scale: nts

DESCRIPTION
200 to 5k ohm microphone input transformer
page 1 of 2

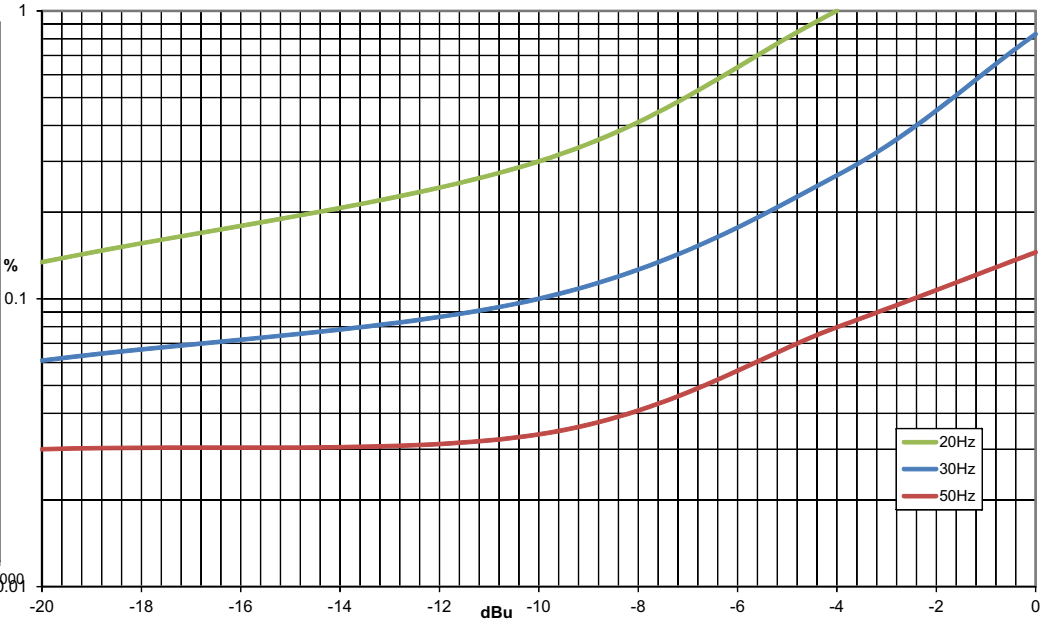
All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
1	10/04/14	CS		A187A18C
2	19/12/14	CS		
3	04/09/19	CS		
4	10/01/24	CS		

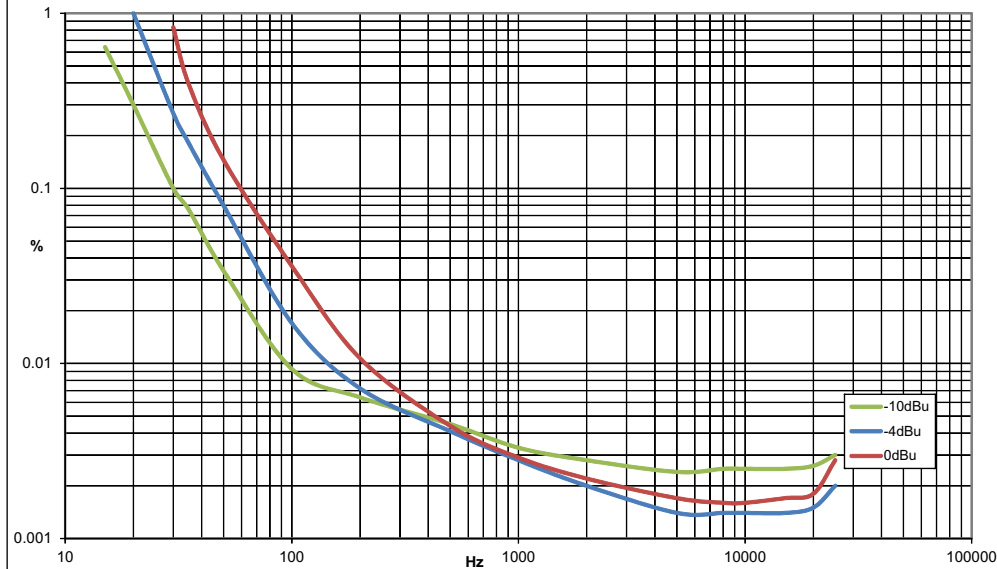
Frequency response: load: 5k



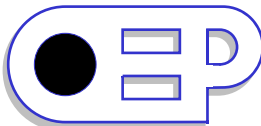
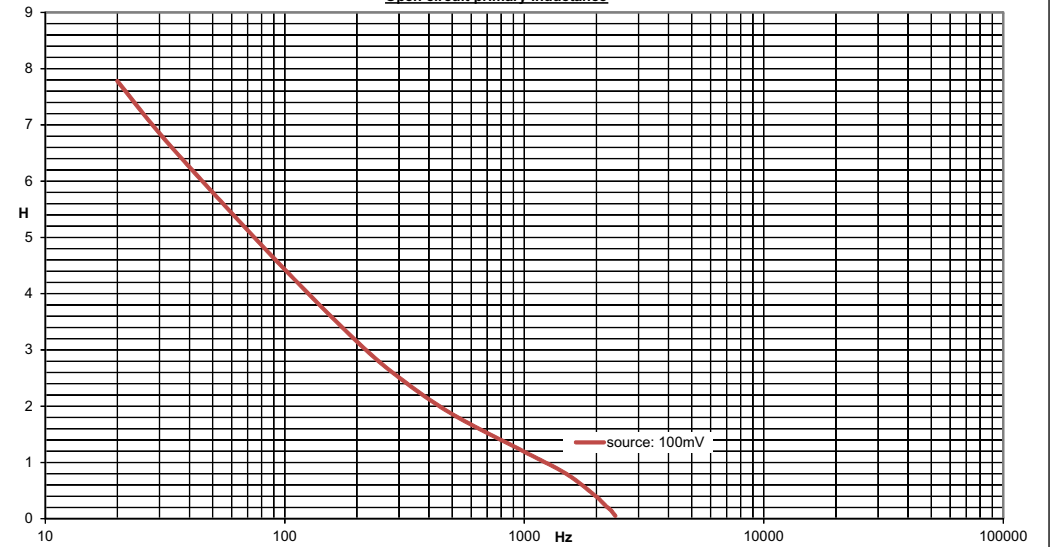
Distortion @ fixed frequencies, load: 5k



Distortion, load: 5k



Open circuit primary inductance



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
200 to 5k ohm microphone input transformer page 2 of 2	1	10/04/14	CS		A187A18C
	2	19/12/14	CS		
	3	04/09/19	CS		
	4	10/01/24	CS		

Scale: nts

All dimensions in mm unless stated otherwise